

## Section 25

### Agriculture—Production and Related Subjects

This section presents statistics concerning farm output and productivity, farm imports and exports, and data relative to specific crops, livestock, dairy products, and poultry.

The principal sources of these data are the reports of the decennial and quinquennial Censuses of Agriculture conducted by the Bureau of the Census and three annual reports issued by the Agricultural Marketing Service of the Department of Agriculture entitled *Crop Production*, *Crop Values*, and *Agricultural Statistics*. Other important sources of these data published by the Agricultural Marketing Service include *Production of Manufactured Dairy Products*; *Livestock and Poultry on Farms, January 1*; *Other Livestock Reports*; *The National Food Situation*; *Cotton and Cottonseed Production*; and *The Wheat Situation*. Data sources concerned with agricultural exports and imports include *Foreign Agricultural Trade* published by the Foreign Agricultural Service of the Department of Agriculture and *Foreign Commerce and Navigation of the United States* which was issued annually through 1946 by the Bureau of the Census. Statistics on other aspects of agriculture may be found in section 24, Agriculture—General Statistics.

**Crop reporting.**—Annual agricultural statistics of a wide variety have been issued currently by the Department of Agriculture for 98 years—the first being as of May 1, 1863. The 43 field offices design the samples and collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Agricultural Marketing Service, where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Agricultural Marketing Service on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-fourths of a million reporters, mostly farmers, who report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living. The most extensive of the current survey data are gathered by the Agricultural Marketing Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October.

In the data prepared by the Agricultural Marketing Service, estimates of crop acreage and production for the census years are set up currently from available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

**Livestock.**—For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The six decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930, 1940, and 1950; and October 1, 1959.

(Only preliminary figures from the 1959 Census were available at the time material for this section was organized and sent to the printer.) The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. The 1954 Census of Agriculture was taken in the fall of that year. Comparison of inventory numbers of livestock from census to census is seriously affected by changes in the date of enumeration. From January to April, there are material changes in numbers on hand in most parts of the country, due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible, the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U.S. Census of Agriculture: 1954* shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census. For most kinds of domestic livestock, there are comparatively short cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

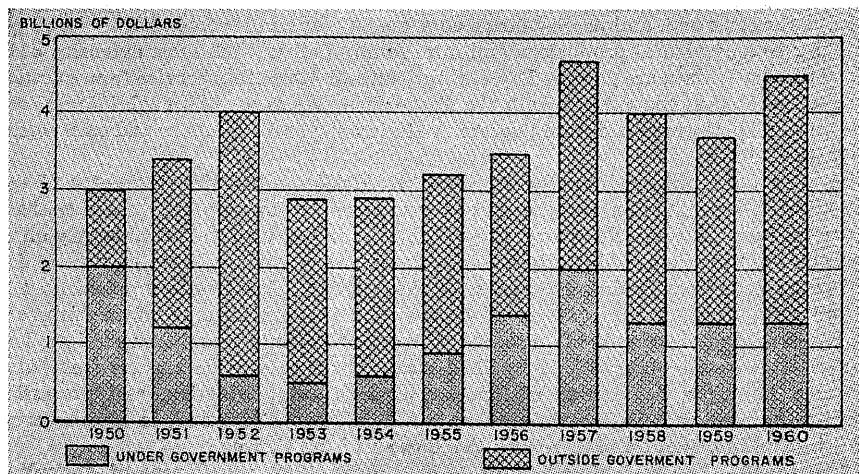
Annual inventory numbers of livestock on farms, together with estimates of live-stock, dairy, and poultry production prepared by the Department of Agriculture, are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and slaughter. The level for these inventories is based in large part on interpretations of Census enumerations for years when such data are available.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series K 190-194") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Fig. XXXIX. VALUE OF AGRICULTURAL EXPORTS UNDER AND OUTSIDE GOVERNMENT PROGRAMS: 1950 TO 1960

[See table 892]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data from Department of Agriculture, Foreign Agricultural Service.

# Farm Output Indexes

643

## No. 883. INDEXES OF VOLUME OF FARM MARKETINGS AND HOME CONSUMPTION: 1930 TO 1960

[1947-49=100. Excludes Alaska and Hawaii]

ITEM	1930	1935	1940	1945	1950	1955	1956	1957	1958	1959	1960 (prel.)
Total	72	66	80	99	100	112	117	112	120	123	126
Livestock and livestock products	75	70	84	106	102	116	123	121	121	126	127
Meat animals	72	65	85	107	100	119	125	120	118	126	128
Poultry and eggs	65	58	71	106	112	122	135	137	144	149	149
Dairy products	84	86	92	104	101	107	110	111	110	110	111
Crops	69	61	75	89	96	107	109	100	118	119	124
Food grains	57	44	56	87	81	81	90	78	109	103	110
Feed crops	58	36	75	94	114	137	140	137	181	171	191
Cotton (lint and seed)	97	75	82	66	79	101	99	72	87	105	101
Tobacco	76	63	70	100	98	110	103	82	82	85	90
Oil crops <sup>1</sup>	21	25	45	87	114	145	144	153	179	163	179
Vegetables <sup>2</sup>	79	84	89	105	98	97	101	100	100	100	101
Fruits and nuts <sup>3</sup>	75	87	91	93	97	103	105	103	103	108	105
Sugar crops	92	97	111	98	116	107	107	122	120	133	129
Seeds	63	62	89	97	143	124	135	129	120	115	128

<sup>1</sup> Includes peanuts; excludes cottonseed.

<sup>2</sup> Includes dry edible beans, dry field peas, mung beans, potatoes, and sweetpotatoes.

<sup>3</sup> Excludes peanuts.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and records.

## No. 884. FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1930 TO 1960

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 190-194 and K 254-264]

ITEM	1930	1940	1945	1950	1955	1957	1958	1959	1960
<b>FARM OUTPUT AND GROSS PRODUCTION OF LIVESTOCK AND CROPS (1947-49=100)</b>									
Farm output <sup>1</sup>	72	82	95	101	113	114	124	126	129
All livestock and products <sup>2</sup>	78	87	104	107	120	121	124	130	129
Meat animals	78	89	103	109	127	119	124	134	132
Dairy products	84	92	103	101	108	111	111	111	112
Poultry and eggs	65	70	106	111	123	137	145	150	149
All crops <sup>3</sup>	76	85	93	97	105	106	118	117	122
Feed grains	73	85	97	104	112	122	135	140	144
Hay and forage	75	105	112	106	115	122	122	116	124
Food grains	72	67	89	83	80	79	117	93	111
Vegetables	79	88	160	102	102	104	108	104	107
Fruits and nuts	75	96	92	101	102	103	109	116	109
Sugar crops	88	109	97	117	107	124	122	134	131
Cotton	98	88	63	70	103	77	80	102	101
Tobacco	81	72	98	101	109	83	86	89	97
Oil crops	23	56	88	115	128	147	180	159	172
Feed used by farm horses and mules <sup>4</sup>	258	196	143	77	37	30	27	24	24
<b>AGGREGATE ACREAGE, 59 CROPS</b>									
Planted or grown.....1,000 acres	369,550	348,050	356,883	353,246	354,384	333,718	330,054	335,390	329,154
Harvested.....do.....	350,866	331,731	345,646	336,437	332,880	318,076	320,753	322,674	320,823

<sup>1</sup> Measures annual volume of farm production available for eventual human use.

<sup>2</sup> Measures gross production of meat animals, dairy products, poultry and eggs, and some miscellaneous livestock products not shown separately, excluding horses and mules. Livestock production is made up of three components: Constant-dollar value of pasture consumed, other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. In combining production of livestock and crops into total farm output, value of feed other than pasture consumed and hatching eggs are excluded to avoid double counting of feed crops in both livestock and crop production and to avoid double counting of hatching eggs as part of poultry meat production as well as egg production.

<sup>3</sup> Total constant dollar value of all crop production regardless of its final disposition. Includes production of hay seeds, pasture seeds, and cover-crop seeds and some miscellaneous crop production not shown.

<sup>4</sup> Hay and concentrates only. Constant dollar value fed to horses and mules is subtracted when combining livestock and crops into total farm output.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 885. MAN-HOURS REQUIRED AND INDEX OF FARM LABOR PRODUCTIVITY: 1930 TO 1960

[Man-hours in millions; index, 1947-49=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series W 49-50]

ITEM	1930	1940	1945	1950	1955	1957	1958	1959 (prel.)	1960 (prel.)
<b>Man-hours of labor required on farms, total<sup>1</sup></b>	<b>22,921</b>	<b>20,467</b>	<b>18,841</b>	<b>15,137</b>	<b>12,751</b>	<b>11,379</b>	<b>11,103</b>	<b>11,048</b>	<b>10,583</b>
All livestock	7,107	7,023	7,045	5,945	5,301	5,052	4,932	4,887	4,683
All crops	12,286	10,374	8,970	6,922	5,709	4,847	4,727	4,728	4,524
Farm maintenance	3,438	3,070	2,826	2,270	1,651	1,480	1,444	1,433	1,376
<b>Index of farm output per man-hour<sup>2</sup></b>	<b>53</b>	<b>67</b>	<b>84</b>	<b>112</b>	<b>149</b>	<b>168</b>	<b>188</b>	<b>191</b>	<b>205</b>
All livestock and products	76	80	91	107	130	138	144	151	157
Meat animals	91	94	98	103	111	108	112	113	119
Milk cows	73	75	87	105	124	134	130	142	149
Poultry	72	79	93	109	160	188	207	217	233
All crops	50	67	85	114	148	180	203	203	222
Feed grains	41	56	76	122	170	218	250	268	300
Hay and forage	57	62	78	119	139	147	163	170	182
Food grains	48	59	82	115	143	176	234	198	241
Vegetables	63	75	84	107	136	155	161	172	181
Fruits and nuts	65	86	90	107	126	127	136	139	151
Sugar crops	71	84	80	122	178	225	230	257	288
Cotton	49	70	76	102	161	179	200	217	220
Tobacco	79	89	92	105	151	154	162	159	167
Oil crops	41	54	72	144	191	223	254	248	277

<sup>1</sup> Man-equivalent hours, that is, time used by average adult males in performing farm operations.

<sup>2</sup> Index of farm output (production available for human use) divided by index of man-hours worked.

Source: Department of Agriculture, Agricultural Research Service; annual reports, *Changes in Farm Production and Efficiency* and *Agricultural Statistics*.

## No. 886. INDEX OF SUPPLY AND UTILIZATION OF FARM FOOD COMMODITIES: 1930 TO 1960

[Percent of total supply and utilization in each year. Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. Covers farm commodities normally used for food in the United States (conterminous area), including their nonfood use. See also *Historical Statistics, Colonial Times to 1957*, series K 104-115]

ITEM	1930	1935	1940	1945	1950	1955	1957	1958	1959 (prel.)	1960 (prel.)
<b>SUPPLY</b>										
<b>Total</b>	<b>100.0</b>	<b>100.0</b>								
Production	92.3	96.2	95.3	92.8	94.6	95.7	94.9	98.7	94.8	96.1
Imports and shipments	7.3	9.0	7.2	5.8	7.0	6.5	6.5	6.7	7.2	6.7
Net change in available stocks <sup>1</sup>	0.4	-5.2	-2.5	1.4	-1.6	-2.2	-1.4	-5.4	-2.0	-2.8
<b>UTILIZATION</b>										
<b>Total</b>	<b>100.0</b>	<b>100.0</b>								
Domestic use	96.9	98.6	98.3	95.9	95.4	93.5	91.7	92.5	91.8	91.0
Food:										
Civilian	65.4	69.4	67.5	57.6	65.2	66.9	66.2	65.2	64.6	65.3
Military <sup>2</sup>	(3)	(3)	(3)	8.5	1.4	1.4	1.2	1.2	1.1	1.1
Nonfood <sup>3</sup>	31.5	29.2	30.8	29.8	28.8	25.2	24.3	26.1	26.1	24.6
Commercial exports and shipments to outlying areas <sup>4</sup>	3.1	1.4	1.7	1.1	3.2	5.7	7.6	6.7	7.6	8.5
USDA export program:										
Stock change <sup>5</sup>	(3)	(3)	(3)	-0.7	-0.1	(7)	(7)	(7)	(7)	
Deliveries <sup>6</sup>	(3)	(3)	(3)	3.7	1.5	0.8	0.7	0.8	0.6	0.5
Net purchases <sup>7</sup>	(3)	(3)	(3)	3.0	1.4	0.8	0.7	0.8	0.6	0.5

<sup>1</sup> Includes farm and commercial stocks and holdings under price support and domestic supply programs. Minus sign (-) means an addition to stocks.

<sup>2</sup> Includes civilian feeding in areas occupied by our Armed Forces.

<sup>3</sup> Not available.

<sup>4</sup> Includes seed, feed, industrial alcohol, alcoholic beverages, etc.

<sup>5</sup> Excludes deliveries by the Department of Agriculture.

<sup>6</sup> Stocks held for export. Minus sign means a withdrawal from stocks.

<sup>7</sup> Less than 0.05 percent.

<sup>8</sup> Shipments out of this country.

<sup>9</sup> Represents net quantities withdrawn from domestic commercial channels.

Source: Department of Agriculture, Agricultural Marketing Service; *The National Food Situation*.

# Productivity Indexes—Exports and Imports

645

## No. 887. LAND AND LIVESTOCK PRODUCTIVITY INDEXES: 1930 TO 1959

[1947-49=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 102-103]

YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>	YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>
1930	101	75	92	85	1953	100	103	100	114
1935	100	76	86	84	1954	100	101	104	112
1940	97	88	95	92	1955	99	106	106	113
1945	98	95	108	96	1956	97	109	104	117
1950	100	97	102	105	1957	95	112	102	119
1951	101	98	103	109	1958	94	126	100	124
1952	100	104	102	110	1959 (prel.)	96	123	104	125

<sup>1</sup> Based on sum of the acreage from which one or more crops were harvested plus acreages of crop failure and summer fallow. <sup>2</sup> Excludes horses and mules.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 888. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1932 TO 1960

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Excludes forest products and distilled liquors. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR	AGRICULTURAL EXPORTS		AGRICULTURAL IMPORTS <sup>3</sup>				Excess of domestic agricultural exports over supplementary imports	
	Domestic products <sup>1</sup>		Foreign products (re-exports)	Supplementary imports <sup>4</sup>				
	Total	Percent of all exports <sup>2</sup>		Total	Supplementary imports <sup>4</sup>	Complementary imports <sup>4</sup>	Percent of all imports	
1932-1936	713	36	20	872	443	429	51	270
1937-1941	679	20	32	1,281	620	652	51	50
1942-1946	1,976	19	92	1,645	1,024	621	46	952
1947-1951	3,469	28	79	3,378	1,641	1,737	46	1,828
1952-1956	3,290	21	66	4,209	1,734	2,475	39	1,556
1955	3,144	21	70	3,781	1,509	2,272	36	1,635
1956	3,496	21	65	4,086	1,583	2,503	34	1,913
1957	4,728	23	66	3,800	1,531	2,260	30	3,197
1958	4,003	21	76	3,929	1,824	2,105	31	2,179
1959	3,710	21	88	4,004	2,029	1,975	29	1,600
1960 (prel.)	4,527	24	73	4,017	1,982	2,035	26	2,545

<sup>1</sup> Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program. <sup>2</sup> Based on total exports of domestic merchandise.

<sup>3</sup> Imports for consumption beginning 1934; general imports prior thereto.

<sup>4</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports comprise all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

Source: Department of Agriculture, Foreign Agricultural Service, compiled from official records of Bureau of the Census and U.S. Tariff Commission. Published in annual report, *Agricultural Statistics*.

## No. 889. AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1945 TO 1960

[Calendar years 1952-54=100. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

COMMODITY	1945	1950	1955	1956	1957	1958	1959	1960
Total <sup>1</sup>	79	101	87	102	94	100	105	107
Complementary <sup>2</sup>	60	103	86	107	99	97	102	107
Supplementary <sup>2</sup>	105	98	88	94	87	104	110	108
Animals and animal products	(3)	110	86	87	76	103	131	109
Dairy products	9	73	93	94	98	98	113	116
Hides and skins	130	138	87	103	85	82	119	102
Meat and meat products	(3)	52	98	101	94	139	196	163
Wool, excluding free in bond	4,179	136	68	72	48	41	58	53
Grains and feeds	136	63	51	47	53	58	39	36
Vegetable oils and oilseeds	96	121	105	99	97	101	99	104
Sugar, molasses, and sirups	6,97	88	93	110	103	114	118	122
Tobacco, unmanufactured	81	86	103	106	110	113	88	138

<sup>1</sup> Based on 251 classifications. <sup>2</sup> See footnote 4, table 888. <sup>3</sup> Not available.

<sup>4</sup> Includes wool (ordinarily dutiable) imported free as an act of international courtesy. <sup>5</sup> Sugar only.

Source: Department of Agriculture, Foreign Agricultural Service, compiled from official records of Bureau of the Census. Published currently in *Foreign Agricultural Trade*.

No. 890. AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1945 TO 1960  
 [Calendar years 1952-54=100. For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico]

COMMODITY	1945	1950	1955	1956	1957	1958	1959	1960
Total agricultural exports <sup>1</sup>	68	110	108	127	175	148	141	182
Animals and animal products	229	92	159	196	184	156	139	160
Meat and meat products	(?)	75	122	150	217	124	120	140
Animal fats	(?)	75	110	133	123	93	101	146
Dairy products	(?)	128	250	328	249	255	172	139
Poultry and poultry products	(?)	133	114	136	165	101	181	283
Cotton and linters	45	154	98	60	196	153	84	178
Tobacco, unmanufactured	106	105	101	128	110	104	104	100
Grains and feeds	21	99	91	133	176	143	172	197
Vegetable oils and oilseeds	29	77	153	207	226	223	248	330
Fruits and vegetables	92	77	105	126	139	143	127	147

<sup>1</sup> Based on 261 classifications including commodity breakdown of food exported for relief or charity.

<sup>2</sup> Not available.

Source: Department of Agriculture, Foreign Agricultural Service, compiled from official records of Bureau of the Census. Published currently in *Foreign Agricultural Trade*.

No. 891. AGRICULTURAL EXPORTS—ACREAGE USED AND RATIO OF VALUE TO CASH RECEIPTS FROM FARM MARKETINGS: 1940 TO 1960

[Excludes Alaska, Hawaii, and Puerto Rico, except for exports. See also *Historical Statistics, Colonial Times to 1957*, series K 98-99 and U 49]

YEAR	CROP ACREAGE <sup>1</sup>		Export acreage as percent of total	Cash receipts from farm marketings	Agricultural exports	Ratio of exports to cash receipts (percent)
	Total harvested	Used for export				
1940	339	8	2.4	Mil. dol. 8,382	Mil. dol. 517	6.2
1945	354	42	11.9	21,663	2,294	10.7
1950	345	50	14.5	28,512	2,873	10.0
1955	340	47	13.8	29,556	3,199	11.0
1956	326	60	18.4	30,564	4,170	14.0
1957	326	48	14.7	29,824	4,506	15.2
1958	328	44	13.4	33,490	3,855	11.5
1959	332	61	18.4	33,146	3,955	11.9
1960 (prel.)	328	59	18.0	33,746	4,824	14.3

<sup>1</sup> Area in crops harvested (excluding duplication) plus acreages in fruits, tree nuts, and farm gardens. Figures relate to year beginning July 1 or month representing beginning of crop season.

No. 892. AGRICULTURAL EXPORTS—VALUE OF EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS: 1955 TO 1960  
 [In millions of dollars. For years ending June 30. Excludes Alaska, Hawaii, and Puerto Rico, except for total exports and exports outside Government programs]

ITEM	1955-60, total	1955	1956	1957	1958	1959	1960
Agricultural exports <sup>1</sup>	23,617	3,144	3,496	4,728	4,003	3,719	4,527
Outside Government programs <sup>1,2</sup>	15,616	2,278	2,129	2,771	2,752	2,463	3,223
Under Government programs <sup>1</sup>	8,001	866	1,367	1,957	1,251	1,256	1,304
Agricultural Trade Development and Assistance Act (Public Law 480)	6,198	416	1,012	1,563	1,024	1,046	1,137
Sales for foreign currency (Title I)	3,622	73	439	909	689	727	815
Disaster relief (Title II)	475	83	91	88	92	56	65
Barter <sup>3</sup>	1,209	125	297	401	100	132	153
Donations <sup>4</sup>	892	135	184	165	173	131	104
Mutual Security Program, International Cooperation Administration sales for local currency and economic aid <sup>5</sup>	1,803	450	355	394	227	210	167

<sup>1</sup> Values for Government-financed programs obtained from different sources than those for total exports; therefore not fully comparable in regard to valuation, shipping period, etc. Entries for "outside Government programs" are the residuals of the other 2 series.

<sup>2</sup> Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with Governmental assistance in the form of (a) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (b) sales of Government-owned commodities below domestic market prices, and (c) export payments in cash or in kind.

<sup>3</sup> Values represent deliveries to contractors at export market value. Barter program is authorized under the charter act of the Commodity Credit Corporation, Title III, P.L. 480 (1954), and other legislation.

<sup>4</sup> Authorized under the Agricultural Act of 1949 and Title III, P.L. 480.

<sup>5</sup> Values shown are disbursements for exports and may differ from actual movement of goods during the year.

Source of tables 891 and 892: Department of Agriculture, Foreign Agricultural Service.

**No. 893. AGRICULTURAL EXPORTS—VALUE OF TOTAL EXPORTS AND EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS, BY COMMODITIES: 1957 TO 1960**

[In millions of dollars. For years ending June 30. Total exports include, and exports under Government-financed programs exclude, Alaska, Hawaii, and Puerto Rico. See table 892 for programs covered]

COMMODITY	1957		1958		1959		1960	
	Total <sup>1</sup>	Under specified programs <sup>2</sup>						
Total.....	4,728.2	1,957.6	4,003.0	1,251.5	3,719.4	1,255.9	4,527.1	1,304.1
Wheat.....	820.0	615.7	567.0	409.9	623.1	478.4	712.0	536.7
Wheat flour.....	137.6	41.2	157.8	65.0	151.8	77.0	162.8	109.5
Rye.....	13.7	9.2	4.1	.3	10.5	6.1	6.7	-----
Corn, except seed.....	209.8	117.6	244.1	70.1	266.2	55.7	278.7	70.0
Grain sorghums.....	34.8	28.4	45.6	9.8	111.0	27.6	110.3	25.7
Oats.....	17.2	12.4	14.4	1.3	21.1	2.1	32.0	.7
Barley.....	68.0	58.4	87.2	22.4	126.5	23.5	120.2	53.8
Cornmeal.....	14.1	10.8	14.8	14.8	13.4	11.4	14.6	13.6
Rice, milled.....	187.2	136.4	95.5	44.9	101.2	36.3	136.2	73.4
Cotton.....	1,115.6	455.2	841.0	288.1	412.7	259.8	825.7	155.9
Tobacco, unmanufactured.....	340.1	35.9	343.0	25.9	350.2	34.0	341.9	68.7
Soybeans.....	195.8	9.6	213.8	12.0	238.3	26.9	302.5	24.5
Lard.....	81.9	20.0	55.2	.9	55.3	1.6	62.0	-----
Tallow, edible and inedible.....	111.6	14.3	96.6	8.4	93.0	6.8	109.2	8.7
Soybean oil.....	145.1	108.4	93.0	70.1	100.0	89.1	109.0	72.5
Cottonseed oil.....	70.5	23.7	47.7	22.0	36.5	11.3	68.9	20.1
Milk, evaporated and condensed.....	37.5	28.4	28.8	18.5	24.5	11.0	24.4	10.1
Milk, whole dried.....	20.0	1.5	18.8	.8	13.1	.1	16.8	.1
Milk, nonfat dried.....	83.4	77.0	90.0	81.3	75.1	66.4	51.1	40.7
Cheese.....	57.7	52.9	52.5	48.2	14.5	11.3	5.9	3.7
Butter.....	12.1	2 13.2	6.9	2 7.1	3.6	3.3	9.8	6.1
Butter oil, anhydrous milk fat and ghee.....	6.9	4.0	5.1	2.6	1.4	1.3	4.3	-----
Infants' and dietary foods, beef and veal, fresh or frozen.....	8.5	1.2	9.0	.4	8.7	.4	11.0	.4
Canned meats and poultry.....	34.1	25.0	7.8	3.3	4.6	-----	6.0	-----
Hides and skins.....	18.3	10.0	9.6	.1	8.7	-----	11.0	-----
Wool.....	63.5	3.3	64.4	2.1	55.3	5.1	60.3	1.3
Beans, dry edible, except seed.....	15.3	-----	17.1	7.0	18.4	-----	20.7	-----
Dried fruits.....	21.5	6.3	15.6	1.0	26.7	2.7	29.8	1.7
Fruits and juices, fresh, frozen, and canned.....	41.3	9.4	41.0	5.4	31.5	.9	38.4	.3
All other.....	187.8	12.1	221.0	6.5	196.6	.6	210.3	.7
	557.3	16.1	494.6	1.3	525.9	5.2	625.6	5.2

<sup>1</sup> Includes food exported for relief and charity as reported by the Bureau of the Census.

<sup>2</sup> Values for specified Government-financed programs obtained from different sources than those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Instances in which exports under Government-financed programs exceed total exports are due to noncomparability of data.

Source: Department of Agriculture, Foreign Agricultural Service.

**No. 894. U. S. AND WORLD PRODUCTION AND EXPORTS OF SELECTED AGRICULTURAL PRODUCTS: 1960**

[Cotton and all grains except rice on crop-year basis; other commodities on calendar-year basis and are partially estimated. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

COMMODITY	Unit	PRODUCTION		EXPORTS			
		U. S.	World		U. S.	World	
			Total	Percent U.S.		Total	Percent U.S.
Wheat.....	million bushels.....	1,363	8,300	16.5	590	1,396	42.3
Oats.....	do.....	1,162	3,920	29.6	25	76	32.9
Corn.....	do.....	4,353	8,100	53.7	240	413	58.1
Barley.....	do.....	423	3,380	12.5	85	288	31.7
Soybeans.....	do.....	559	978	57.2	148	200	74.0
Rice <sup>1</sup> .....	million pounds.....	3,517	320,594	1.1	2,205	15,432	14.3
Lard.....	do.....	2,600	8,600	30.2	620	900	68.9
Tallow and greases.....	do.....	3,825	7,035	54.5	1,726	2,351	73.4
Tobacco <sup>2</sup> .....	do.....	1,960	8,823	22.2	496	1,450	34.1
Edible vegetable oils.....	1,000 tons.....	3 3,054	\$12,810	30.9	* 1,581	* 3,020	52.4
Cotton.....	1,000 bales <sup>3</sup> .....	14,300	46,800	30.6	6,500	16,000	40.6

<sup>1</sup> Milled basis. <sup>2</sup> Unmanufactured. <sup>3</sup> Includes oil equivalent of U. S. exports of soybeans.

<sup>4</sup> Includes oil equivalent of exported oilseeds. <sup>5</sup> Bales of 500 lbs. gross weight.

Source: Department of Agriculture, Foreign Agricultural Service.

## No. 895. VALUE OF PRINCIPAL AGRICULTURAL EXPORTS: 1931 TO 1960

**In millions of dollars.** Includes Alaska, Hawaii, and Puerto Rico. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery and mutual security; civilian supply shipments are included in 1948 and subsequent years.

ITEM	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951- 1955, average	1956- 1960, average	1958	1959	1960
Agricultural exports, total	731.7	701.2	1,654.4	3,222.5	3,314.1	4,262.0	3,854.8	3,955.3	4,824.2
Live animals	1.5	1.8	3.5	12.2	13.8	21.8	17.3	26.7	24.5
Meats and meat products	23.7	21.3	373.2	114.4	58.9	104.3	83.1	105.6	125.3
Eggs and dairy products	6.9	8.6	376.6	269.6	117.1	129.8	117.2	115.2	105.1
Animal fats and oils	37.0	18.2	109.2	108.5	172.3	181.8	151.7	176.2	175.8
Hides and skins	3.2	4.5	1.1	15.7	36.9	64.3	55.8	62.8	76.4
Bread grains and preparations	40.4	58.6	112.6	806.4	699.5	820.6	703.9	733.5	982.1
Coarse grains and preparations except rice <sup>1</sup>	9.3	38.8	30.5	224.9	324.1	477.5	404.9	584.5	537.9
Rice	4.7	6.9	30.2	82.9	118.9	117.5	98.6	102.0	130.1
Fodders and feeds <sup>2</sup>	9.3	9.5	3.9	19.0	33.7	64.6	48.2	81.9	75.0
Vegetables and preparations	8.0	13.2	59.0	73.2	82.7	115.4	108.8	128.6	123.2
Fruits and preparations	83.2	74.0	83.8	127.8	150.8	244.8	255.8	240.1	248.7
Vegetable oils, fats and waxes, oilseeds, nuts and nut prepara- tions <sup>3</sup>	6.5	11.3	46.1	145.2	253.7	498.1	412.3	545.4	582.2
Coffee and cocoa, coffee and tea substitutes	1.9	2.2	1.2	7.2	7.3	16.8	15.7	17.3	18.3
Sugar and related products	4.8	8.1	26.8	26.6	15.6	12.5	11.2	10.1	8.4
Seeds, except oilseeds	1.9	2.5	13.0	15.0	10.6	17.0	15.4	15.9	19.1
Tobacco	103.7	109.8	137.7	267.9	314.6	354.3	354.3	346.2	378.4
Cotton, unmanufactured	366.5	282.9	151.7	674.2	761.2	777.8	660.9	451.9	987.7
Wool and hair	1.5	2.1	6.8	9.7	5.8	19.0	19.8	22.8	17.4
All other	17.6	27.1	87.5	132.1	136.6	223.8	230.0	188.6	208.6

<sup>1</sup> Prior to 1955, excludes coarse grain ready-to-eat breakfast cereal foods (except corn).

<sup>2</sup> Beginning 1958, includes only fodders and feeds of vegetable origin.

<sup>3</sup> Prior to 1955, excludes crude natural essential oils and crude waxes.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 896. VALUE OF PRINCIPAL AGRICULTURAL IMPORTS: 1931 TO 1960

**In millions of dollars.** Includes Alaska, Hawaii, and Puerto Rico. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy.

ITEM	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951- 1955, average	1956- 1960, average	1958	1959	1960
Agricultural imports, total	(1)	1,249.1	1,596.7	3,016.6	4,367.5	3,946.1	3,880.7	4,098.8	3,824.6
Animals and products, edible	16.1	45.7	52.4	116.0	201.5	353.8	473.7	480.9	392.9
Dairy products and eggs	14.2	14.2	5.8	17.2	31.4	30.0	25.7	31.9	33.2
Hides and skins, except reptile	38.6	50.1	66.2	88.9	70.8	62.7	51.8	84.4	67.6
Animal fats, inedible	3.5	1.1	2.7	.4	.9	.7	.6	.7	.6
Grains and preparations	28.2	44.3	112.3	42.8	124.1	68.4	65.9	55.7	54.6
Fodders and feeds	6.7	11.3	16.4	23.1	43.8	22.2	23.7	21.4	16.2
Vegetables, fruits, nuts	66.3	79.3	93.0	203.9	231.4	279.6	278.8	298.3	309.7
Vegetable oils (expressed) and oilsseeds	71.7	112.9	84.4	203.5	159.3	151.6	147.2	174.8	161.1
Cocoa, coffee, tea, spices	188.4	204.1	347.5	956.5	1,732.2	1,489.7	1,452.3	1,386.2	1,291.7
Sugar and related products	122.0	152.1	207.6	363.0	459.9	529.9	568.6	538.1	555.1
Beverages, excluding spirits	6.1	11.4	14.0	20.5	31.9	53.2	50.8	57.3	63.6
Crude rubber	74.6	206.3	151.8	312.3	492.6	339.9	247.8	382.6	321.8
Tobacco, unmanufactured	27.1	34.3	50.5	80.8	83.1	103.6	104.8	111.5	115.5
Cotton, unmanufactured	7.4	11.4	20.2	41.2	39.0	33.1	29.4	23.6	26.6
Wool and mohair, unmanufac- tured	18.7	61.3	247.9	291.2	374.9	207.8	164.0	224.3	196.9
Raw silk	115.1	108.7	12.6	32.0	28.7	24.9	15.6	24.7	27.2
Vegetable fibers, except cotton and silk	17.8	29.4	42.6	80.8	96.1	50.5	43.6	53.8	43.8
All other	(2)	71.2	68.7	142.6	165.7	144.5	133.5	148.7	146.6

<sup>1</sup> Not available on calendar year basis prior to 1934.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## Crop Acreage and Value

649

No. 897. ALL CROPS—ACREAGE, VALUE, AND CROPLAND HARVESTED: 1889 TO 1959

[Excludes Alaska and Hawaii. Minus sign (−) denotes decrease]

CROP AND YEAR	ACREAGE			VALUE			Average value per acre	
	Total	Increase between census periods		Total	Increase between census periods			
		Acres	Percent		Amount	Percent		
Cropland harvested:				\$1,000	\$1,000			
1924	344,549	−4,054	−1.2	-----	-----	-----		
1929	359,242	14,693	4.3	-----	-----	-----		
1934	295,624	−63,618	−17.7	-----	-----	-----		
1939	321,242	25,618	8.7	-----	-----	-----		
1944	352,866	31,623	9.8	-----	-----	-----		
1949	344,399	−8,467	−2.4	-----	-----	-----		
1954	332,870	−11,528	−3.3	-----	-----	-----		
1959 (prel.)	311,263	21,607	−6.9	-----	-----	-----		
All crops: <sup>1</sup>	219,706	53,519	32.2	(2)	(2)	(2)		
1889	283,218	63,513	28.9	2,888,050	(2)	(2)	10.20	
1899	311,283	28,075	9.9	5,287,774	2,399,724	83.1	16.99	
1909	348,604	37,310	12.0	14,646,178	9,358,404	177.0	42.01	
1919	(2)	(2)	(2)	7,472,535	−7,173,643	−49.0	(2)	
1924	361,945	(2)	(2)	8,223,515	750,980	10.0	22.72	
1934	298,642	−63,302	−17.5	4,479,015	−3,744,500	−45.5	15.00	
1939	324,238	25,596	8.6	5,705,464	1,226,449	27.4	17.60	
1944 <sup>2</sup>	353,355	29,116	9.0	14,439,931	8,734,466	153.1	40.87	
1949	350,901	−2,454	−0.7	16,295,855	1,855,924	12.9	46.44	
1954	338,027	−12,874	−3.7	18,679,519	2,383,664	14.6	55.26	
Field crops: <sup>3</sup>	300,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95	
1909	346,875	36,963	11.9	13,272,598	8,329,932	168.5	38.26	
1929	352,660	5,785	1.7	6,900,096	−6,372,502	−48.0	19.57	
1934 <sup>4</sup>	288,421	−64,239	−18.2	3,949,725	−2,950,371	−42.8	13.69	
1939	316,660	27,239	9.4	4,763,656	813,931	20.6	15.09	
1944 <sup>5</sup>	343,798	28,138	8.9	11,891,732	7,128,076	149.6	34.59	
1949	341,893	−1,905	−0.6	14,321,684	2,429,952	20.4	41.89	
1954	320,858	−12,035	−3.5	16,376,279	2,054,595	14.3	49.65	
Vegetables: <sup>6</sup>	1,424	415	41.1	534,436	(2)	(2)		
1919	2,812	1,387	97.4	522,010	−12,426	−2.3		
1934	3,774	962	34.2	9 137,029	(2)	(2)		
1939	3,053	−720	−19.1	410,916	(2)	(2)		
1944 <sup>7</sup>	4,370	1,317	43.1	1,032,626	621,710	151.3		
1949	3,865	−506	−11.6	10 607,018	−425,608	−41.2		
1954	3,740	−125	−3.2	10 645,095	33,077	6.3		
1959 (prel.)	3,491	249	−7.1	733,209	88,174	12.0		
Fruits and nuts and horticultural specialties:	371	−7	−1.9	279,358	116,601	71.6		
1909 <sup>11</sup>	304	−67	−18.1	839,144	559,785	200.4		
1919 <sup>11</sup>	6,473	(2)	(2)	801,409	−37,735	−4.5	123.81	
1929 <sup>12</sup>	6,448	−25	−0.4	392,261	−409,148	−51.1	60.84	
1934 <sup>8</sup>	5,525	−923	−14.3	530,892	138,631	35.3	96.09	
1944 <sup>12</sup>	5,187	−338	−6.1	1,515,572	984,680	185.5	292.21	
1949 <sup>13</sup>	5,143	−41	−0.8	1,367,153	−148,419	−9.8	265.82	
1954 <sup>14</sup>	4,420	−715	−13.9	1,658,145	290,092	21.3	374.42	
1959 (prel.)	4,420	0	0	(2)	(2)	(2)		

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.<sup>2</sup> Not available. <sup>3</sup> Total for specified crops.<sup>4</sup> Irish and sweetpotatoes included with Field crops, not with Vegetables.<sup>5</sup> Excludes corn cut for fodder (acreage, 14,503,000; value, \$206,985,000) probably duplicated in acreage of corn harvested for grain.<sup>6</sup> Only strawberries included in small fruits; other small fruits included in field crops.<sup>7</sup> Acreage represents vegetables harvested for sale only; acreage in farm gardens not available. Value comprises both vegetables for home use and for sale, except as noted.<sup>8</sup> Available data not comparable. <sup>9</sup> Farm garden vegetables for home use only.<sup>10</sup> Vegetables harvested for sale.<sup>11</sup> Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930 Census.<sup>12</sup> Acreage of horticultural specialties not included.<sup>13</sup> Excludes acreage on farms reporting less than one-half acre in orchards, vineyards, and planted nut trees.<sup>14</sup> Excludes data for farms with less than 20 trees or grapevines.Source: Department of Commerce, Bureau of the Census; 1959 *Census of Agriculture*, preliminary reports, and records.

No. 898. CROPS—ACREAGE AND PRODUCTION, 1954 AND 1959, AND VALUE, 1954,  
BY KIND

[Excludes Alaska and Hawaii]

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000, 1954)
	1954	1959 (prel.)	Unit	1954	1959 (prel.)	
All crops harvested.....	1,338,027	(2)				18,679,519
All field crops <sup>3</sup> .....	329,858	(2)				16,376,279
Corn for all purposes <sup>4</sup> .....	78,123	70,611			3,698,767	4,287,083
Sorghum for all purposes except sirup.....	<sup>5</sup> 17,566	17,918			505,840	<sup>5</sup> 451,058
All wheat threshed <sup>6</sup> .....	51,362	49,543	Bu.	908,928	1,056,645	1,930,861
Oats threshed.....	37,921	26,578	do	1,314,142	1,001,256	927,583
Barley threshed <sup>6</sup> .....	12,556	14,170	do	354,716	395,907	384,682
Rye threshed <sup>6</sup> .....	1,450	1,394	do	21,844	21,963	26,549
Mixed grains threshed <sup>6</sup> .....	932		do	27,490		31,199
Flaxseed threshed <sup>6</sup> .....	5,179	2,848	do	35,495	19,593	107,970
Rice threshed <sup>6</sup> .....	2,498	1,616	do	145,076	120,969	296,345
Soybeans harvested for beans.....	16,444	22,078	do	324,065	515,712	816,098
Soybeans hogged or grazed or cut for silage.....	<sup>5</sup> 531	410				<sup>5</sup> 11,290
Cowpeas harvested for dry peas.....	268	174	Bu.	1,180	1,439	5,316
Cowpeas hogged or grazed or cut for silage.....	<sup>5</sup> 205	127				<sup>5</sup> 3,959
Soybeans and cowpeas cut for hay.....	1,074	431	Tons	994	537	28,807
Peanuts harvested for nuts.....	1,270	1,327	Lb.	884,664	1,403,844	107,632
Peanut vines or tops saved for hay.....	1,002	326	Tons	599	196	14,779
All dry field and seed beans other than velvet-beans, soybeans, and mungbeans.....	1,455	1,417	100-lb. bags.	17,125	10,794	137,574
All dry field and seed peas other than cowpeas and Austrian peas.....	255	340	100-lb. bags.	5,624	477,451	16,844
All hay, excl. sorghum for hay and specified annual legumes.....	69,940	63,532	Tons	<sup>6</sup> 103,597	104,197	2,301,882
Alfalfa cut for hay.....	<sup>5</sup> 26,008	26,102	do	<sup>5</sup> 54,914	59,903	<sup>5</sup> 1,257,660
Clover or timothy cut for hay.....	<sup>5</sup> 16,930	14,042	do	<sup>5</sup> 23,687	22,061	<sup>5</sup> 535,603
Lespedeza cut for hay <sup>6</sup> .....	3,301	3,089	do	2,326	3,768	55,302
Small grains cut for hay.....	<sup>5</sup> 4,674	3,552	do	<sup>5</sup> 5,096	3,654	<sup>5</sup> 118,322
Wild hay cut <sup>6</sup> .....	12,473	10,459	do	9,584	8,620	149,717
Other hay cut <sup>7</sup> .....	5,398	4,887	do	5,497	5,009	111,846
Silage made from grass or hay crops <sup>8</sup> .....	1,156	1,251	do	<sup>6</sup> 6,642	7,950	43,433
Alfalfa seed harvested.....	1,015	736	Bu.	2,676	2,158	52,108
Red clover seed harvested.....	890	1,129	do	925	1,436	24,398
Lespedeza seed harvested.....	529	344	Lb.	90,106	72,714	17,121
Cotton harvested (lint).....	18,858	14,731	Bales	12,921	13,977	2,186,079
Cottonseed.....			Tons	5,413		327,743
Tobacco harvested.....	1,557	1,108	Lb.	<sup>1</sup> ,921,520	1,656,480	973,065
Sugarcane cut for sugar.....	279	251	Tons	6,532	5,429	43,763
Sugarcane or sorghum for sirup.....	47	12	Gal.	3,824	2,473	6,608
Sugar beets harvested for sugar.....	864	909	Tons	13,638	16,779	152,323
Hops harvested.....	25	24	Lb.	38,372	38,338	15,510
Irish potatoes harvested.....	<sup>10</sup> 1,211	1,205	Bu.	340,188	371,674	440,934
Sweetpotatoes harvested.....	<sup>10</sup> 261	225	do	27,397	29,313	68,249
All other.....						170,067
Vegetables harvested for sale <sup>3</sup> .....	3,740	3,491				645,095

See footnotes at end of table.

# Principal Crops

651

## No. 898. CROPS—ACREAGE AND PRODUCTION, 1954 AND 1959, AND VALUE, 1954 BY KIND—Continued

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000), 1954
	1954	1959 (prel.)	Unit	1954	1959 (prel.)	
All fruits and nuts and horticultural specialties <sup>11</sup>	4,429	4,591				1,658,145
Strawberries	80	85	Qt.	206,464	280,182	59,474
Other berries and small fruits	110	77				40,646
Tre fruit, nuts and grapes (excl. nurseries) <sup>11</sup>	4,003	4,100	Bu.	109,038	120,407	1,104,371
Apples			do	55,125	68,262	241,522
Peaches			do	26,771	27,305	108,622
Pears			Lb.	354,379	401,382	55,134
Cherries			Bu.	20,597	18,919	43,714
Plums and prunes			Lb.	4,835,851	6,054,039	56,055
Grapes			Bu.	5,707	7,835	121,218
Apricots						17,245
Oranges, including satsumas, tangerines, and mandarins			Tons	5,326	5,319	208,871
Grapefruit			do	1,766	1,407	39,509
Lemons			Field	24,486	26,554	69,936
Limes			boxes			
Pecans			Lb.	38,330	18,356	2,663
Walnuts, English or Persian			do	28,578	34,905	8,651
Almonds			do	129,177	116,533	22,678
Pilberts and hazelnuts			do	79,341	146,000	19,439
Tung nuts			do	15,030	18,291	2,405
All other			do	114,780	222,730	5,443
Horticultural specialties	235	329				23,206
						453,654

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>2</sup> Not available.

<sup>3</sup> Irish and sweetpotatoes included with Field crops, not with Vegetables. Value of vegetables harvested for sale for 1959, \$733,289,000.

<sup>4</sup> Excludes sweet corn, popcorn, Egyptian corn, kafir, and milo maize.

<sup>5</sup> Totals are for States for which data are available.

<sup>6</sup> Includes grass silage converted to dry weight basis. See footnote 9.

<sup>7</sup> Includes hay listed above in those States where separate inquiries were not on the questionnaire.

<sup>8</sup> Silage crops other than corn and sorghums.

<sup>9</sup> Green weight.

<sup>10</sup> Excludes acreage for farms with less than 20 bushels harvested.

<sup>11</sup> Except for horticultural specialties, 1954 figures exclude data for farms with less than 20 trees or grapevines. Source: Department of Commerce, Bureau of the Census; 1959 *Census of Agriculture*, preliminary reports, and records.

## No. 899. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1960

[Excludes Alaska and Hawaii. For weights of units of measurement for principal products, see Appendix II. Number of pounds to a bushel of sorghums for grain, 56. Number of pounds to a bag of rice, 100. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics, Colonial Times to 1957*, series K 205-315, for acreage harvested, production, and price data for corn, wheat, oats, rye, barley, buckwheat, rice, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, tobacco, and hay]

YEARLY AVERAGE OR YEAR	Acreage harvested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
	CORN					WHEAT				
1931-1935	1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els per bushel	Cents per bushel
1931-1935	102,306	2,330,431	1,137,535	22.8	49	51,026	680,868	407,254	13.1	60
1936-1940	90,790	2,347,110	1,432,758	25.9	61	57,687	795,913	614,156	13.8	77
1941-1945	89,285	2,928,642	3,027,701	32.8	103	56,396	984,580	1,252,433	17.5	127
1946-1950	84,533	3,097,011	4,705,268	36.6	156	70,312	1,184,740	2,398,373	16.9	201
1951-1955	80,360	3,143,056	4,677,089	39.1	149	60,497	1,077,261	2,229,223	17.9	207
1956	75,634	3,455,283	4,459,405	45.7	129	49,784	1,004,272	1,974,174	20.2	197
1957	72,616	3,422,331	3,834,249	47.1	112	43,806	950,602	1,839,074	21.7	193
1958	73,327	3,800,863	4,275,534	51.8	112	53,404	1,461,714	2,550,995	27.4	175
1959	83,520	4,281,316	4,487,719	51.3	104	52,665	1,126,082	1,934,748	21.4	176
1960 (prel.)	82,117	4,352,668	4,229,099	53.0	96	52,643	1,363,443	2,383,160	25.9	175

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.

<sup>2</sup> Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1958, but weighted by sales beginning 1958. For certain years, prices for corn and wheat include an allowance for unredeemed loans and purchase agreement deliveries.

## No. 899. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1960—Continued

YEARLY AVERAGE OR YEAR	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
OATS										
RYE										
1,000 acres	1,000 bushels	\$1,000	Bushels per bushel	Cents		1,000 acres	1,000 bushels	\$1,000	Bushels per bushel	Cents
1931-1935.....	37,597	973,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1936-1940.....	34,826	1,052,573	328,974	30.2	31.3	3,526	41,474	21,149	11.8	51.0
1941-1945.....	39,350	1,267,222	759,269	32.2	59.9	2,800	34,344	28,118	12.3	82
1946-1950.....	39,409	1,338,644	1,071,144	33.9	80.5	1,791	21,875	36,215	12.2	163
1951-1955.....	37,915	1,312,192	950,458	34.6	73.0	1,678	22,309	29,523	13.2	137
1956.....	33,706	1,163,160	800,513	34.5	68.8	1,623	21,155	24,640	13.0	116
1957.....	34,647	1,300,954	791,000	37.5	56.8	1,672	27,243	29,365	16.3	108
1958.....	31,834	1,415,570	820,637	44.5	57.9	1,773	32,186	32,956	18.2	102
1959.....	28,368	1,066,370	688,771	37.6	64.8	1,443	22,339	22,461	15.5	99
1960 (prel.)..	27,091	1,161,512	710,369	42.9	61.3	1,652	32,109	28,547	19.4	87
BARLEY										
BUCKWHEAT										
1,000 acres	1,000 bushels	\$1,000	Bushels per bushel	Cents		1,000 acres	1,000 bushels	\$1,000	Bushels per bushel	Cents
1931-1935.....	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936-1940.....	11,034	243,144	113,228	22.0	46.6	401	6,445	4,143	16.1	64.3
1941-1945.....	13,778	331,640	266,988	24.1	81	425	7,385	7,505	17.4	102
1946-1950.....	10,853	280,661	361,352	25.8	129	348	5,891	8,021	17.3	131
1951-1955.....	10,855	302,517	337,641	27.9	115	160	2,871	3,397	17.9	117
1956.....	12,940	376,873	370,752	29.1	98.4	110	2,032	2,425	18.5	119
1957.....	14,988	437,170	384,462	29.2	87.9	109	1,871	2,064	17.2	110
1958.....	14,928	475,196	425,918	31.8	90.1	98	1,783	1,820	18.2	104
1959.....	15,087	422,073	350,504	28.0	85.9	72	1,233	1,303	17.1	106
1960 (prel.)..	13,951	423,136	353,661	30.3	84.3	67	1,211	1,404	18.1	117
RICE, ROUGH										
FLAXSEED										
1,000 acres	1,000 bags	\$1,000	Pounds per bag	Dollars		1,000 acres	1,000 bushels	\$1,000	Bushels per bushel	Cents per bushel
1931-1935.....	853	18,214	25,526	2,135	1.40	1,778	10,161	13,201	5.7	130
1936-1940.....	1,054	23,782	38,784	2,256	1.63	1,662	14,193	21,715	8.5	153
1941-1945.....	1,424	28,617	106,891	2,010	3.74	3,952	35,888	91,690	9.1	256
1946-1950.....	1,718	37,116	184,857	2,161	5.01	4,134	40,244	188,915	9.7	457
1951-1955.....	2,106	53,442	268,164	2,549	5.05	4,484	37,011	124,779	8.4	341
1956.....	1,569	49,459	240,293	3,151	4.86	5,548	48,009	143,723	8.7	209
1957.....	1,340	42,935	219,538	3,204	5.11	4,899	25,919	76,082	5.3	204
1958.....	1,415	44,381	207,332	3,137	4.67	3,789	38,568	103,635	10.2	269
1959.....	1,586	53,438	245,284	3,369	4.59	3,015	21,890	65,761	7.3	300
1960 (prel.)..	1,595	54,403	249,608	3,411	4.59	3,431	31,101	82,580	9.1	266
POTATOES										
SWEETPOTATOES										
1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.		1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.
1931-1935.....	3,509.7	4,226,511	199,490	64.5	0.89	944.6	42,620	49,967	45.1	1.18
1936-1940.....	2,906.0	4,213,065	238,482	78.4	1.14	741.1	34,095	49,110	45.9	1.47
1941-1945.....	2,809.3	4,288,417	488,528	84.9	2.02	729.3	36,150	107,166	47.8	2.6
1946-1950.....	1,992.4	4,286,156	563,787	131.7	2.18	520.1	27,306	103,162	52.5	3.78
1951-1955.....	1,421.7	4,217,029	479,247	152.6	2.25	330.0	17,836	84,248	54.0	4.82
1956.....	1,385.5	243,716	488,894	175.9	2.01	283.7	16,920	68,283	50.6	4.04
1957.....	1,382.6	4,239,559	462,350	178.3	1.93	280.6	17,467	72,983	62.2	4.18
1958.....	1,467.0	4,265,729	349,714	181.1	1.31	265.8	17,383	65,720	65.4	3.60
1959.....	1,388.2	4,243,281	553,056	175.2	2.27	276.1	18,333	60,154	68.2	3.07
1960 (prel.)..	1,442.8	256,677	540,991	177.9	2.11	223.0	15,667	62,162	70.3	3.84

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.<sup>2</sup> Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1958, but weighted by sales beginning 1958. For certain years, prices for oats, rye, barley, rice, and flaxseed include an allowance for unredeemed loans and purchase agreement deliveries.<sup>3</sup> Includes following quantities of potatoes not marketed and excluded in computing value (1,000 cwt.): 1931, 40; 1932, 1,305; 1937, 43; 1939, 774; 1943, 204; 1950, 741; 1951, 656; 1953, 3,068; 1955, 1,147; 1957, 534; 1958, 934; 1959, 248.

# Principal Crops

653

No. 899. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1960—Continued

YEARLY AVERAGE OR YEAR	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
COTTON (EXCLUDING LINTERS) <sup>3</sup>										
1,000 acres	1,000 bales <sup>4</sup>	\$1,000	Lb.	Cents per pound		1,000 short tons	\$1,000		Dol. per ton	
1931-1935—	31,671	12,684	551,305	191	9.16	5,505	95,829		19.16	
1936-1940—	27,058	13,534	646,935	239	6.7	5,684	132,166		23.49	
1941-1945—	20,619	11,247	1,110,889	262	19.85	4,602	228,712		49.83	
1946-1950—	21,421	12,304	1,974,605	273	32.72	4,961	338,783		70.96	
1951-1955—	22,678	15,034	2,565,258	326	34.13	6,195	367,108		59.28	
1956—	15,615	13,310	2,112,625	409	31.75	5,407	288,864		53.40	
1957—	13,558	10,964	1,625,074	388	29.65	4,609	235,387		51.10	
1958—	11,849	11,512	1,912,311	406	33.23	4,798	210,262		43.80	
1959—	15,090	14,558	2,304,265	462	31.66	5,991	232,115		38.80	
1960 (prel.)—	15,316	14,309	2,216,805	448	\$31.00	5,921	252,350		42.60	
SORGHUMS FOR GRAIN										
1,000 acres	1,000 bushels	\$1,000	Bushels per bu. <sup>9</sup>	Cents per bu. <sup>9</sup>		1,000 acres <sup>10</sup>	1,000 pounds	\$1,000	Lb.	Cents per lb. <sup>11</sup>
1931-1935—	4,038	53,843	23,763	13.3	44.1	1,434	996,762	24,907	695.2	2.50
1936-1940—	4,708	61,306	31,926	13.0	52.1	1,770	1,352,243	45,982	764	3.40
1941-1945—	6,921	122,755	111,216	17.7	90.6	3,002	1,993,497	133,660	664	6.96
1946-1950—	7,283	142,531	179,801	19.2	133	2,877	2,091,121	213,426	742	10.2
1951-1955—	8,947	169,429	208,702	18.7	129	1,599	1,429,073	160,046	894	11.3
1956—	9,342	206,205	237,392	22.1	115	1,385	1,607,210	179,970	1,161	11.2
1957—	10,503	564,324	547,520	28.9	97.0	1,481	1,435,945	148,901	970	10.4
1958—	16,658	610,376	609,170	36.6	99.9	1,518	1,827,300	165,262	1,204	10.6
1959—	15,572	585,253	498,197	37.6	86.0	1,450	1,590,765	152,294	1,097	9.6
1960 (prel.)—	15,444	637,673	515,164	41.3	81.5	1,408	1,772,825	177,992	1,259	10.0
BEANS, DRY, EDIBLE <sup>12</sup>										
1,000 acres	1,000 bags <sup>12</sup>	\$1,000	Lb.	Dollars per bag		1,000 acres	1,000 bushels	\$1,000	Bushels per bu. <sup>11</sup>	Cents per bu. <sup>11</sup>
1931-1935—	1,687	11,687	31,127	739	2.66	1,531	23,597	17,616	15.4	75
1936-1940—	1,709	14,094	47,639	882	3.38	3,420	61,995	53,373	18.1	86
1941-1945—	1,958	16,210	91,725	897	5.22	9,433	174,028	321,668	18.4	185
1946-1950—	1,747	16,980	147,118	970	8.81	11,263	230,101	580,784	20.4	256
1951-1955—	1,414	16,166	128,411	1,146	7.96	15,709	313,276	797,884	20.0	257
1956—	1,428	17,218	118,049	1,210	6.91	20,642	449,446	980,747	21.8	218
1957—	1,379	15,626	111,992	1,133	7.17	20,526	483,715	1,003,262	23.2	207
1958—	1,611	19,175	128,724	1,190	6.72	23,900	579,713	1,159,091	24.3	200
1959—	1,464	18,853	131,735	1,288	7.03	22,487	533,175	1,047,094	23.7	196
1960 (prel.)—	1,437	17,909	126,469	1,246	7.06	23,516	558,778	1,115,432	23.8	200
HAY										
1,000 acres	1,000 tons	\$1,000	Short tons	Dollars per ton <sup>13</sup>		1,000 acres	1,000 pounds	\$1,000	Lb.	Cents per lb.
1931-1935—	68,190	76,969	651,795	1.13	8.47	1,569	1,208,339	175,681	808	13.9
1936-1940—	65,842	85,404	700,145	1.24	9.25	1,641	1,491,701	277,578	909	18.6
1941-1945—	75,861	103,385	1,754,218	1.36	16.97	1,542	1,603,694	618,116	1,040	38.5
1946-1950—	73,639	99,415	2,174,267	1.35	21.90	1,718	2,080,041	973,979	1,215	46.9
1951-1955—	74,858	108,941	2,455,472	1.46	22.50	1,670	2,216,695	1,141,035	1,331	50.5
1956—	73,302	108,680	2,303,616	1.48	21.20	1,364	2,175,556	1,168,841	1,596	53.7
1957—	73,431	120,977	2,236,054	1.65	18.50	1,122	1,607,544	935,752	1,486	56.1
1958—	73,004	121,819	2,225,084	1.67	19.00	1,078	1,736,248	1,040,218	1,611	59.9
1959—	68,739	113,650	2,372,287	1.65	22.20	1,152	1,798,071	1,046,310	1,559	58.3
1960 (prel.)—	69,294	121,242	2,500,725	1.75	22.00	1,144	1,960,373	1,197,087	1,713	61.1
TOBACCO										

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.

<sup>2</sup> Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1958, but weighted by sales beginning 1958. For certain years, prices for cotton, cottonseed, grain sorghums, dry edible beans, and soybeans include an allowance for unredeemed loans and purchase agreement deliveries. See also notes on prices for each crop.

<sup>3</sup> State production figures, which conform with Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for United States totals.

<sup>4</sup> Bales of 500 pounds, gross weight.

<sup>5</sup> Average price to Dec. 1.

<sup>6</sup> Based on reported price of grain sorghums.

<sup>10</sup> Equivalent solid acreage.

<sup>11</sup> Cleaned basis.

<sup>12</sup> Bags of 100 pounds.

<sup>13</sup> Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual summaries, *Crop Production* and *Crop Values*.

No. 900. SELECTED CROPS—ACREAGE, PRODUCTION, VALUE, AND PRINCIPAL PRODUCING STATES: 1949 to 1960

(Excludes Alaska and Hawaii. For weights of units of measurement, see specific crop tables.)

CROP	ACREAGE HARVESTED (1,000)		PRODUCTION (1,000)				FARM VALUE (\$1,000)		Principal States in order of production, 1960	
	1949- 1958 avg.	1959	1960 (prel.)	Unit	1949-1958 avg.	1959	1960 (prel.)	1959	1960 (prel.)	
Corn.....	79,083	83,529	82,117	Bu.	3,270	642	4,281	316	4,707	393
Wheat.....	52,665	52,643	52,071	Bu.	1,092	433	1,363	443	1,948	719
Oats.....	36,656	28,368	27,031	Bu.	1,302	996	1,161	512	2,042	296
Barley.....	11,815	16,057	13,931	Bu.	326	370	453	373	1,081	043
Rye.....	1,676	1,443	1,652	Bags	236	164	223	339	28	256
Rice, rough.....	1,835	1,536	1,596	Bags	488	438	588	403	197	433
Flaxseed.....	4,630	3,015	3,481	Bu.	38	706	21	890	31	101
Sorghum grain.....	10,718	16,672	15,444	Tons	261	908	585	253	637	673
Sorghum forage.....	4,638	2,608	2,487	Tons 1.....	5,697	4,606	4,629	606	245	342
Cotton, lint.....	19,989	15,980	15,316	Bales	13	710	14,558	309	76	120
Cottonseed.....				Tons	5,645	5,991	5,501	921	2,305	265
Hay, all.....	74,200	68,739	69,284	do	109	699	113	650	121	242
Alfalfa, seed.....	1,034	746	702	Lb.	151	546	129	288	130	323
Red clover seed.....	1,375	1,139	1,070	do	85	755	86	831	89	765
Beans, dry edible.....	1,498	1,454	1,437	Bags	16	754	18	833	17	909
Soybeans for beans.....	16,820	22,487	25,516	Bu.	361	270	533	175	558	778
Peanuts, picked and threshed.....				Lb.	1,450	1,408	1,390	755	1,772	881
Potatoes.....	1,480	1,388	1,448	Owt.	3	233	419	281	394	404
Sweetpotatoes.....	344	276	223	do	19	302	18	833	15	667
Tobacco.....	1,613	1,152	1,144	Lb.	2,068	165	1,796	371	1,048	373
Cherries.....	307	319	330	Tons	6	933	7	318	54	153
Sugar beets.....	788	905	960	do	12	642	17	015	16	472
Hops.....	32	33	29	Lb.	48	273	53	600	45	976
Apples, commercial crop.....				Bu.	5,695	6,618	5,390	755	1,772	881
Peaches.....				do	1,450	1,408	1,390	755	3,265	677
Pears.....				do	1,388	1,448	1,390	755	85	589
Grapes.....				do	276	223	19	302	1,048	373
Oranges.....				Tons	1,152	1,144	1,144	371	54	153
Cherries.....				do	322	330	330	330	187	337
Apricots.....				do	3	195	6	230	3	244
Prunes, all (fresh basis).....				do	4,688	5,236	5,309	41	514	534
Strawberries.....				do	116	98	96	96	238	235
Oranges.....				Boxes	126	786	126	760	121	925
Grapefruit.....				do	42	625	41	870	41	870
Lemons.....				do	14	388	18	230	15	100
Pecans.....				Lb.	150	982	144	100	181	450
Walnuts.....				Tons	116	75	62	40	72	72
Almonds.....				do	216	220	221	453	1,540	1,654
Tomatoes, commercial.....				do	565	493	453	439	4,399	4,502

1 Dry weight. 2 See footnote 4, table 915.

3 See footnote 4, table 899.

4 Based on average marketing prices to Dec. 10, 1960.

5 Includes some quantities not harvested.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*; and annual summaries, *Crop Production and Crop Values*.

# Principal Crops

655

## No. 901. PRINCIPAL CROPS—HARVESTED ACREAGE, FARM VALUE, AND CROPS IN ORDER OF VALUE, BY STATES: 1949 TO 1960

[Acreage covers 59 major field crops and vegetables; value covers 79 major field crops, vegetables, fruits, and nuts]

STATE	HARVESTED ACREAGE OF 59 CROPS (1,000)			FARM VALUE OF 79 CROPS (\$1,000)		Crops in order of value, 1960
	1949- 1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	
	U.S. <sup>1</sup>	333, 587	322, 674	320, 823	19, 048, 052	19, 586, 715
N.E.:						Corn, hay, wheat, cotton lint.
Maine	864	736	711	101, 888	78, 978	Potatoes, hay, sweetpotatoes, apples.
N.H.	279	228	220	15, 343	15, 094	Hay, apples, potatoes, corn.
Vt.	607	815	798	41, 542	41, 841	Hay, corn, maple syrup, apples.
Mass.	350	299	293	46, 804	49, 723	Hay, cranberries, tobacco, potatoes.
R.I.	37	31	31	5, 566	5, 307	Potatoes, hay, corn, apples.
Conn.	301	272	261	46, 782	50, 962	Tobacco, hay, potatoes, corn.
M.A.:						
N.Y.	5, 490	5, 012	4, 955	344, 573	360, 383	Hay, corn, potatoes, apples.
N.J.	780	746	742	108, 866	115, 553	Hay, corn, tomatoes, asparagus.
Pa.	5, 498	5, 134	5, 071	317, 328	325, 893	Hay, corn, wheat, oats.
E.N.C.:						
Ohio	10, 416	10, 233	10, 242	564, 017	595, 360	Corn, wheat, hay, soybeans for beans.
Ind.	11, 096	11, 285	11, 287	613, 000	637, 979	Corn, soybeans for beans, wheat, hay.
Ill.	20, 872	21, 236	21, 102	1, 218, 318	1, 176, 396	Corn, soybeans for beans, hay, wheat.
Mich.	7, 533	7, 407	7, 206	443, 670	421, 744	Corn, hay, wheat, dry beans.
Wis.	10, 156	9, 959	9, 685	520, 538	496, 357	Hay, corn, oats, potatoes.
W.N.C.:						
Minn.	19, 435	19, 090	18, 985	751, 222	754, 355	Corn, hay, oats, soybeans for beans.
Iowa	22, 521	23, 145	22, 853	1, 185, 955	1, 048, 421	Corn, soybeans for beans, hay, oats.
Mo.	12, 635	12, 821	12, 603	629, 167	610, 262	Corn, soybeans for beans, hay, cotton lint.
N. Dak.	21, 109	19, 596	19, 593	412, 311	403, 258	Wheat, hay, barley, flaxseed.
S. Dak.	17, 432	14, 500	15, 730	232, 387	388, 611	Corn, hay, wheat, oats.
Nebr.	19, 037	18, 381	18, 455	659, 147	711, 087	Corn, wheat, hay, sorghum grain.
Kans.	21, 078	21, 675	21, 531	685, 647	856, 192	Wheat, sorghum grain, corn, hay.
S.A.:						
Del.	442	475	510	34, 279	35, 624	Corn, soybeans for beans, potatoes, hay.
Md.	1, 580	1, 560	1, 591	109, 684	121, 292	Corn, tobacco, hay, soybeans for beans.
Va.	3, 307	3, 123	3, 084	273, 091	294, 377	Tobacco, hay, corn, peanuts.
W. Va.	1, 071	910	893	52, 355	54, 383	Hay, corn, apples, tobacco.
N.C.	5, 875	5, 396	5, 191	733, 933	836, 527	Tobacco, corn, cotton lint, peanuts.
S.C.	3, 799	3, 275	2, 981	272, 624	274, 180	Tobacco, cotton lint, corn, soybeans for beans.
Ga.	5, 990	5, 289	4, 881	372, 995	389, 966	Corn, cotton lint, tobacco, peanuts.
Fla.	1, 214	1, 238	1, 204	483, 587	531, 295	Oranges, grapefruit, tomatoes, tobacco.
E.S.C.:						
Ky.	4, 617	4, 187	4, 156	387, 698	405, 031	Tobacco, corn, hay, wheat.
Tenn.	5, 054	4, 582	4, 487	355, 446	340, 562	Cotton lint, tobacco, corn, hay.
Ala.	4, 876	4, 403	4, 200	269, 528	279, 226	Cotton lint, corn, peanuts, hay.
Miss.	5, 449	4, 947	4, 863	430, 001	409, 962	Cotton lint, soybeans for beans, corn, cottonseed.
W.S.C.:						
Ark.	5, 526	5, 714	5, 648	516, 993	470, 983	Cotton lint, soybeans for beans, rice, cottonseed.
La.	2, 890	2, 590	2, 543	254, 019	253, 554	Cotton lint, rice, sugarcane for sugar and seed, corn.
Okla.	10, 301	9, 468	9, 635	338, 031	428, 056	Wheat, cotton lint, hay, sorghum grain.
Tex.	24, 568	24, 086	24, 134	1, 409, 487	1, 447, 361	Cotton lint, sorghum grain, wheat, cottonseed.
Mt.:						
Mont.	8, 982	8, 879	8, 667	263, 090	264, 037	Wheat, hay, barley, sugar beets.
Idaho.	3, 733	3, 704	3, 685	309, 584	290, 636	Potatoes, hay, wheat, sugar beets.
Wyo.	1, 882	1, 819	1, 745	64, 055	65, 907	Hay, wheat, sugar beets, dry beans.
Colo.	6, 134	6, 283	6, 247	291, 175	322, 360	Wheat, hay, sugar beets, corn.
N. Mex.	1, 314	1, 147	1, 202	110, 156	106, 290	Cotton lint, hay, wheat, sorghum grain.
Arizona	1, 157	1, 206	1, 183	258, 493	276, 176	Cotton lint, lettuce, hay, cottonseed.
Utah	1, 244	1, 121	1, 096	73, 089	72, 766	Hay, wheat, barley, sugar beets.
Nev.	420	327	334	18, 985	19, 053	Hay, cotton lint, wheat, potatoes.
Pac.:						
Wash.	4, 200	4, 235	4, 091	346, 154	328, 394	Wheat, apples, hay, barley.
Oreg.	2, 929	2, 844	2, 775	215, 637	205, 937	Wheat, hay, potatoes, barley.
Calif.	7, 190	7, 302	7, 353	1, 859, 812	1, 828, 206	Cotton lint, hay, grapes, oranges.

<sup>1</sup> Excludes Alaska and Hawaii.

## No. 902. WHEAT—SUPPLY AND DISAPPEARANCE: 1941 TO 1960

[In thousands of 60-pound bushels. For years beginning July 1. Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. See also *Historical Statistics, Colonial Times to 1957*, series K 72-73, for stocks on and off farms]

ITEM	1941-1945, average	1946- 1950, average	1951- 1955, average	1957	1958	1959	1960 (prel.)
Supply, total.....	1,407,748	1,410,297	1,738,052	1,870,415	2,350,530	2,429,182	(1)
Stocks, July 1, total.....	446,028	222,373	646,215	908,806	881,047	1,295,090	1,318,056
On farms.....	126,059	61,787	72,526	59,896	50,867	114,937	90,375
Interior mills, elevator and warehouse stocks.....	78,484	51,016	221,575	379,102	2,447,128	2,695,241	2,154,130
Terminal market.....	135,872	73,753	239,845	313,451	304,782	403,845	(2)
Merchant mills.....	381,717	32,001	59,107	65,257	(3)	(3)	(3)
Commodity Credit Corp. ....	23,896	3,816	53,162	91,010	78,270	81,067	63,451
New crop.....	984,580	1,184,740	1,077,261	950,662	1,461,714	1,126,682	1,363,443
Imports <sup>1</sup> .....	37,140	3,184	14,576	10,947	7,769	7,410	(1)
Disappearance, total.....	1,078,649	1,127,967	965,127	989,368	1,055,440	1,115,226	(1)
Food.....	478,314	479,727	473,961	472,484	481,362	482,706	(1)
Seed.....	73,559	88,337	75,845	63,196	65,122	64,068	(1)
Military procurement.....	69,034	117,477	12,093	7,605	7,372	6,525	(1)
Feed and industry.....	359,315	130,515	75,010	39,287	54,360	49,804	(1)
Exports and shipments.....	98,427	305,910	328,219	406,796	447,224	512,123	(1)
Old-crop carryover <sup>2</sup> .....	389,099	282,330	772,924	881,047	1,295,090	1,313,956	(1)

<sup>1</sup> Not available.

<sup>2</sup> Beginning Oct. 1, 1957, "Merchant mills" and beginning Jan. 1, 1960, "Terminal market" included with "Interior mills, elevator and warehouse stocks."

<sup>3</sup> Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1941-1944.

<sup>4</sup> Owned or controlled by C.C.C. in storage or in transit to ports; other C.C.C. wheat included in other categories.

<sup>5</sup> Imports comprise full duty wheat, wheat imported for feed, and dutiable flour and other wheat products in terms of wheat. Compiled from reports of the Bureau of the Census.

<sup>6</sup> For individual items, see "Stocks," above.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and *The Wheat Situation*.

## No. 903. WHEAT FLOUR PRODUCTION, BY STATES: 1945 TO 1960

[In thousands of 100-pound sacks. Figures represent total wheat flour production of all commercial mills (excluding custom). Beginning 1954, estimates based on monthly reports of mills with daily capacity over 400 sacks]

STATE	1945	1950	1954	1955	1956	1957	1958	1959	1960
U.S. <sup>1</sup> .....	2 274,400	224,899	221,748	225,648	229,758	238,888	246,155	248,494	252,939
California.....	4,945	4,607	5,368	5,741	5,826	5,875	5,815	6,279	6,520
Colorado.....	4,266	3,765	4,189	4,051	4,140	4,235	4,227	4,454	4,106
Illinois.....	14,741	12,434	14,292	14,912	14,466	15,137	15,798	15,882	16,847
Indiana.....	3,671	3,096	2,899	3,144	3,145	3,487	3,849	4,194	4,511
Iowa.....	4,407	3,125	3,819	4,325	4,400	4,558	4,824	5,029	5,500
Kansas.....	40,429	35,007	29,728	30,035	30,657	32,073	35,358	37,119	38,285
Michigan.....	4,065	4,276	5,657	5,834	5,578	5,734	5,816	5,681	6,023
Minnesota.....	35,139	27,893	26,467	26,108	25,530	26,725	26,830	26,201	26,143
Missouri.....	22,850	20,320	17,850	19,570	20,402	20,181	20,113	20,789	20,883
Montana.....	3,426	3,129	3,360	3,366	2,770	2,823	2,849	2,729	2,702
Nebraska.....	7,327	5,690	6,269	6,403	6,344	6,656	7,237	7,167	7,181
New York.....	32,028	27,011	27,861	25,638	28,096	29,238	29,652	28,479	27,877
North Dakota.....	4,089	2,701	2,905	2,866	2,932	3,156	3,438	3,389	3,441
Ohio.....	9,701	9,629	10,194	10,584	10,459	10,820	10,827	11,029	11,515
Oklahoma.....	12,037	10,483	9,349	9,871	9,800	10,442	9,612	9,306	9,296
Oregon.....	7,617	4,631	5,778	6,434	6,776	7,057	7,844	6,910	6,810
Texas.....	18,898	13,446	11,268	12,217	13,180	14,057	14,235	14,654	15,145
Utah.....	3,344	3,811	4,911	4,811	5,376	5,743	5,492	5,996	5,705
Washington.....	13,216	9,118	9,740	9,534	9,406	9,061	10,184	9,951	10,199
Other States.....	23,618	20,727	19,844	20,204	20,475	21,830	22,155	22,956	24,146

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Includes 4,596,000 sacks not distributed by State.

Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Current Industrial Reports*, Series M20A.

# Wheat

657

## No. 904. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960 [Pounds per bushel, 60]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
	acres	acres	acres	Bu.	Bu.	Bu.	bushels	bushels	bushels	Ct. per bu.	Ct. per bu.	\$1,000	\$1,000
U.S. <sup>2</sup>	1,000 55,700	1,000 52,665	1,000 52,643	Bu. 19.0	Bu. 21.4	Bu. 25.9	1,000 1,092,071	1,000 1,126,682	1,000 1,363,443	Ct. per bu. 176	Ct. per bu. 175	\$1,000 1,984,743	\$1,000 2,383,150
M.A.: N.Y.	364	262	246	30.0	29.5	30.0	10,764	7,720	7,380	178	180	13,758	13,284
N.J.	66	50	49	27.4	31.5	33.0	1,779	1,575	1,617	177	175	2,788	2,830
Pa.	731	530	535	25.1	26.5	29.5	18,043	14,045	15,782	168	165	23,596	26,040
E.N.C.: Ohio	1,876	1,316	1,500	25.3	24.5	35.0	47,205	32,242	52,500	175	170	56,424	89,250
Ind.	1,412	1,255	1,268	25.9	26.0	33.0	36,113	32,630	41,844	171	170	55,797	71,135
Ill.	1,728	1,660	1,504	26.6	26.0	20.0	45,733	43,160	46,226	175	175	75,530	80,896
Mich.	1,173	1,122	1,077	28.8	32.0	31.5	33,488	35,904	33,926	176	175	63,191	59,370
Wis.	72	66	64	25.4	28.5	31.1	1,820	1,853	1,680	173	175	3,206	2,935
W.N.C.: Minn.	903	902	967	19.2	22.9	27.4	16,901	22,758	26,543	193	189	43,964	50,209
Iowa	170	185	121	22.5	20.1	24.7	3,703	3,317	2,985	176	177	5,845	5,207
Mo.	1,486	1,518	1,321	24.2	25.0	28.5	36,230	37,950	37,648	172	175	65,274	65,884
N. Dak.	8,421	6,503	6,440	14.2	15.0	19.8	-114,365	97,636	127,500	192	184	187,337	234,000
S. Dak.	2,902	1,972	2,373	12.6	9.2	19.5	35,582	18,204	46,156	183	179	33,336	82,617
Nebr.	3,640	3,104	3,011	21.9	22.0	28.5	78,439	68,204	85,712	176	173	120,023	148,265
Kans.	10,621	10,485	10,380	16.7	20.0	28.0	-175,807	-209,700	200,640	178	175	373,266	508,620
S.A.: Del.	44	27	25	22.6	27.5	31.0	947	742	775	172	165	1,276	1,279
Md.	225	166	161	22.6	24.0	28.5	4,927	3,984	4,588	167	165	6,653	7,570
Va.	319	275	250	22.3	23.5	26.0	6,969	6,462	6,656	178	180	11,502	11,981
W. Va.	49	25	27	21.8	23.0	28.0	1,032	575	756	179	180	1,029	1,361
N.O.	367	404	389	20.4	23.5	23.5	7,446	9,494	7,966	177	180	16,804	14,330
S.C.	162	192	146	18.4	20.5	23.0	2,900	3,036	3,358	179	180	7,045	6,044
Ga.	116	110	90	17.6	20.5	23.0	2,035	2,255	2,070	179	180	4,036	3,728
E.S.C.: Ky.	229	183	170	20.4	24.5	29.0	4,637	4,484	5,191	175	175	7,847	9,084
Tenn.	219	173	142	17.7	21.5	24.0	3,822	3,720	3,408	178	175	6,622	5,964
Ala.	45	60	62	19.8	23.0	25.0	917	1,380	1,300	176	175	2,429	2,275
Miss.	42	33	37	23.0	26.0	30.0	808	858	1,110	178	170	1,527	1,887
W.S.C.: Ark.	70	140	136	19.6	26.0	32.5	1,481	3,640	4,420	170	175	6,188	7,735
La.	44	50	42	18.5	24.0	29.0	3,772	1,200	1,218	174	175	2,088	2,132
Okla.	4,699	4,573	4,760	14.0	19.5	25.5	66,750	-89,174	121,278	177	175	157,838	212,236
Tex.	2,905	3,420	3,702	12.0	17.5	22.5	36,751	50,850	84,645	177	175	105,034	148,120
Mt.:													
Mont.	5,064	4,140	4,118	18.2	19.2	19.3	90,909	-70,315	70,517	166	166	131,487	132,013
Idaho	1,385	1,193	1,115	30.0	35.8	31.4	40,699	42,743	35,031	163	165	60,514	57,966
Wyo.	331	261	246	18.6	21.1	22.5	6,122	5,517	5,541	165	166	9,081	9,176
Colo.	2,268	2,375	2,452	16.5	22.0	27.0	38,014	54,562	66,121	169	167	92,137	110,374
N. Mex.	188	227	230	9.8	17.0	17.5	1,004	3,840	4,546	176	174	6,767	7,902
Ariz.	41	102	26	28.4	36.0	33.0	1,220	3,672	858	164	180	6,022	1,544
Utah	371	231	223	20.1	23.2	22.9	7,416	5,355	5,106	166	167	8,864	8,503
Nev.	16	21	14	30.2	36.0	32.6	480	756	457	168	172	1,269	786
Pac.:													
Wash.	2,414	2,000	1,949	29.4	37.5	33.4	69,940	75,065	65,102	174	179	130,614	116,532
Oreg.	955	814	802	28.8	35.0	33.1	27,117	28,464	26,542	180	181	51,235	48,041
Calif.	504	371	352	20.2	23.5	22.0	10,068	8,718	7,744	179	180	15,065	13,939

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Short-time average.

## Agriculture—Production and Related Subjects

## No. 905. CORN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain.]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct. per bu.	Ct. per bu.	\$1,000	\$1,000
U.S. <sup>2</sup>	1,000 79,083	1,000 83,529	1,000 82,117	Bu. 41.6	Bu. 51.3	Bu. 53.0	1,000 3,270,642	1,000 4,281,316	1,000 4,352,668	Ct. per bu. 104	Ct. per bu. 96	\$1,000 \$1,487,719	\$1,000 4,229,099
N.E.:													
Maine	13	11	11	36.0	41.0	40.0	460	451	440	155	150	699	660
N.H.	12	12	11	45.5	47.0	51.0	529	564	561	150	145	846	813
Vt.	62	61	58	49.2	52.0	51.0	3,030	3,172	2,958	150	145	4,758	4,289
Mass.	32	32	31	50.6	54.0	54.0	1,591	1,728	1,674	150	145	2,592	2,427
R.I.	7	6	6	43.2	44.0	43.0	285	264	258	150	145	306	374
Conn.	39	41	41	47.7	52.0	52.0	1,842	2,132	2,132	150	145	3,198	3,001
M.A.:													
N.Y.	678	655	648	47.1	51.0	52.0	31,968	33,405	33,696	123	125	41,088	42,120
N.J.	183	190	190	49.3	64.0	65.0	8,977	12,160	12,350	128	130	15,565	16,055
Pa.	1,308	1,280	1,280	49.4	60.0	62.0	64,588	76,800	79,360	122	120	93,696	95,232
E.N.C.:													
Ohio	3,538	3,916	3,838	55.6	63.0	68.0	196,896	246,708	260,984	104	90	256,576	234,886
Ind.	4,629	5,247	5,247	54.8	62.0	68.0	253,895	325,314	356,796	103	90	335,073	321,118
Ill.	8,848	10,050	10,251	58.0	67.0	68.0	511,523	673,350	697,068	106	93	713,751	648,273
Mich.	1,808	2,165	2,256	47.4	56.0	53.0	85,949	121,240	119,568	104	95	126,090	113,500
Wis.	2,614	2,846	2,818	54.4	55.0	57.5	142,251	184,990	162,035	102	102	188,090	165,276
W.N.C.:													
Minn.	5,568	6,937	6,660	48.6	49.0	52.5	271,708	339,913	349,650	93	85	316,119	297,202
Iowa	10,502	12,481	12,419	53.8	65.0	62.0	564,790	811,265	769,978	100	90	811,265	692,980
Mo.	3,907	4,227	4,227	40.0	55.0	53.0	154,201	232,485	224,031	105	100	244,109	224,031
N. Dak.	1,256	1,341	1,328	21.0	16.5	24.0	26,472	22,126	31,872	93	90	20,577	28,685
S. Dak.	3,915	4,091	4,091	27.1	19.5	32.5	105,923	79,774	132,958	96	87	76,583	115,673
Nebr.	6,426	6,810	6,742	32.9	48.5	50.5	209,117	330,285	340,471	102	97	336,801	330,257
Kans.	2,103	1,987	2,006	26.3	41.5	45.0	55,183	81,630	80,270	102	97	83,263	87,562
S.A.:													
Del.	155	162	157	46.6	53.0	62.0	7,209	8,586	9,734	126	120	10,818	11,681
Md.	479	497	507	47.0	54.0	60.0	22,506	26,838	30,420	118	120	31,669	36,504
Va.	898	812	796	39.0	46.0	49.0	34,991	37,352	39,004	123	123	45,943	47,975
W. Va.	196	153	141	43.0	50.0	52.0	8,356	7,650	7,332	135	135	10,328	9,898
N.C.	2,087	1,998	1,988	32.4	43.0	50.0	66,983	85,914	96,900	117	116	100,519	112,404
S.C.	1,158	925	842	21.3	27.0	33.5	24,234	24,975	28,207	123	123	30,719	34,695
Ga.	2,927	2,874	2,644	20.2	28.5	32.0	58,481	81,909	84,608	114	117	93,376	98,991
Fla.	590	603	578	18.6	27.0	29.0	10,900	16,281	16,762	115	120	18,723	20,114
E.S.C.:													
Ky.	1,967	1,825	1,697	38.2	47.0	49.0	74,022	85,775	83,153	110	111	94,352	92,300
Tenn.	1,840	1,639	1,573	30.0	40.0	40.0	54,703	65,560	62,020	112	113	73,427	71,100
Ala.	2,362	2,235	2,146	22.0	28.0	28.0	51,435	62,580	60,088	113	115	70,715	69,101
Miss.	1,723	1,371	1,275	23.0	31.0	25.5	39,229	42,501	32,512	117	120	49,726	39,014
W.S.C.:													
Ark.	818	427	342	22.7	35.0	34.5	18,043	14,945	11,799	110	108	16,440	12,743
La.	658	530	493	22.4	33.0	27.5	14,577	17,490	18,558	118	120	20,638	16,270
Okla.	584	264	259	19.4	31.5	33.0	11,436	8,316	8,547	109	108	9,064	9,231
Tex.	2,080	1,526	1,358	19.9	28.0	22.0	41,318	42,728	29,876	110	115	47,001	34,357
Mt.:													
Mont.	171	148	127	16.8	23.0	28.0	2,883	3,404	3,556	126	125	4,280	4,445
Idaho	44	80	80	60.5	70.0	68.0	2,737	5,600	5,440	131	135	7,336	7,344
Wyo.	58	61	58	21.9	29.5	35.5	1,299	1,800	2,059	108	115	1,944	2,368
Colo.	493	494	450	34.3	53.0	55.0	16,881	26,182	23,850	112	115	29,324	27,428
N. Mex.	59	48	44	20.4	33.0	42.0	1,170	1,584	1,848	135	140	2,138	2,587
Ariz.	37	35	33	21.0	34.0	32.0	816	1,190	1,056	152	150	1,809	1,584
Utah	38	50	50	49.8	61.0	60.0	1,943	3,050	3,000	150	155	4,575	4,650
Nev.	3	4	5	42.6	55.0	60.0	141	220	300	164	165	361	495
Pac.:													
Wash.	32	88	86	66.8	80.0	79.0	2,232	7,040	6,794	135	129	9,504	8,764
Oreg.	32	64	69	53.8	60.0	65.0	1,769	3,840	4,485	146	143	5,606	6,414
Calif.	148	250	210	55.0	73.0	75.0	9,219	18,250	15,750	140	140	25,550	22,050

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Excludes Alaska and Hawaii.

# 659

## Corn and Rice

### No. 906. CORN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1960

[In thousands of bushels. For years beginning October 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>2</sup>	Imports <sup>2</sup>	Stocks, end of year
1931-1935	2,830,431	2,333,462	7,321	11,897	247,074
1936-1940	2,347,110	2,220,407	54,607	21,662	468,627
1941-1945	2,928,642	2,987,355	22,312	2,264	318,575
1946-1950	3,097,911	2,855,300	99,763	690	560,737
1951-1955	3,143,056	2,948,289	110,606	1,034	875,251
1945	2,868,795	2,981,773	31,069	595	171,820
1946	3,217,076	2,969,775	136,463	560	283,218
1947	2,354,739	2,500,271	14,911	698	123,473
1948	3,605,078	2,797,869	118,395	724	813,012
1949	3,237,749	3,094,867	112,157	729	844,466
1950	3,074,914	3,063,716	116,887	741	739,518
1951	2,925,758	3,097,466	81,580	881	487,121
1952	3,291,994	2,865,624	145,279	925	769,137
1953	3,209,896	2,956,822	103,654	1,124	919,681
1954	3,057,891	2,841,253	102,634	1,138	1,034,823
1955	3,229,743	2,980,408	119,763	1,100	1,165,495
1956	3,455,283	3,018,308	183,735	920	1,419,655
1957	3,422,331	3,173,392	199,969	1,869	1,470,494
1958	3,800,863	3,511,832	230,227	1,138	1,530,437
1959	4,281,316	3,784,633	227,994	1,000	1,789,238
1960 (prel.)	4,352,668	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Total disappearance, minus exports of corn and grain equivalent of corn products.

<sup>2</sup> Compiled from reports of the Department of Commerce. Includes grain equivalent of corn products such as cornmeal, flour, starch, sugar, syrup, etc.

<sup>3</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

### No. 907. RICE, ROUGH—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1960

[In thousands of hundredweight. For years beginning August 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance	Exports <sup>1</sup>	Imports <sup>1</sup>	Stocks, end of year
1931-1935	18,214	17,238	2,461	723	1,947
1936-1940	22,782	20,722	4,101	1,251	3,859
1941-1945	28,641	19,984	8,469	93	1,807
1946-1950	37,147	22,114	13,753	187	2,367
1951-1955	53,500	27,887	20,951	312	14,023
1945	30,718	18,955	11,475	127	1,255
1946	32,535	19,425	12,202	9	506
1947	35,253	21,380	12,816	27	748
1948	38,320	21,028	14,390	53	2,805
1949	40,787	23,035	16,215	62	3,469
1950	38,840	25,121	13,143	785	4,519
1951	46,122	23,584	24,046	542	2,040
1952	48,278	26,081	24,867	343	1,506
1953	52,924	26,953	22,914	417	7,557
1954	64,254	29,764	14,285	65	27,082
1955	55,969	32,054	18,045	193	31,930
1956	49,503	24,921	37,266	385	19,979
1957	42,954	25,821	18,263	235	18,159
1958	44,396	25,770	19,791	165	15,693
1959 (prel.)	53,460	27,912	26,255	781	12,158
1960 (prel.)	54,435	( <sup>2</sup> )	( <sup>2</sup> )	800	( <sup>2</sup> )

<sup>1</sup> Compiled from reports of the Department of Commerce.

<sup>2</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

## No. 908. BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960

[Pounds per bushel of barley, 48; rice, 100-lb. bags]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
				Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents per bu.	Cents per bu.	\$1,000	\$1,000
BARLEY	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.				
U.S. <sup>2</sup>	11,815	15,087	13,951	28.1	28.0	30.3	334,266	422,073	423,136	.86	.84	359,504	353,661
N.E.:													
Maine	2	1	-----	30.3	28.0	-----	76	28	-----	105	-----	29	-----
M.A.:													
N.Y.	62	27	23	34.1	35.0	36.0	2,088	945	828	98	98	926	811
N.J.	22	26	28	38.0	36.0	48.0	830	936	1,344	102	96	955	1,290
Pa.	195	151	168	37.8	30.0	42.0	7,409	4,530	7,056	100	93	4,530	6,562
E.N.C.:													
Ohio	64	69	63	32.6	31.0	43.0	2,204	2,139	2,709	83	82	1,775	2,221
Ind.	51	53	49	29.2	27.0	35.0	1,564	1,431	1,715	83	81	1,188	1,389
Ill.	78	72	61	30.3	24.0	33.0	2,392	1,728	2,013	80	76	1,382	1,630
Mich.	95	96	74	33.0	34.0	35.0	3,123	3,264	2,590	80	77	2,611	1,994
Wis.	114	49	37	36.7	38.0	35.5	4,162	1,862	1,314	93	91	1,732	1,196
W.N.C.:													
Minn.	1,086	980	892	27.0	29.0	33.5	29,161	28,420	29,882	84	83	23,873	24,802
Iowa	26	28	26	28.4	37.0	32.0	746	1,036	832	78	75	808	624
Mo.	238	210	137	25.1	27.0	32.0	6,203	5,670	4,884	83	81	4,706	3,551
N. Dak.	2,736	3,800	3,268	22.2	20.0	24.5	62,219	76,000	80,066	78	72	59,280	57,648
S. Dak.	666	441	498	19.0	13.5	30.0	12,265	5,954	14,940	81	73	4,823	10,906
Nebr.	267	312	234	20.3	22.0	29.0	4,605	6,864	6,786	73	72	5,011	4,886
Kans.	387	880	730	18.2	26.0	26.0	7,880	22,880	18,980	70	70	16,016	13,286
S.A.:													
Del.	13	15	17	32.0	37.0	40.0	409	555	680	92	90	511	612
Md.	82	77	94	35.1	36.5	43.0	2,906	2,810	4,042	95	91	2,670	3,678
Va.	101	118	120	33.8	38.0	39.0	3,450	4,484	4,680	99	96	4,439	4,403
W. Va.	13	11	12	33.1	34.0	41.0	432	374	492	107	113	400	556
N.C.	51	75	64	30.7	37.0	34.0	1,509	2,886	2,176	99	102	2,857	2,220
S.C.	25	43	27	25.1	27.0	27.5	652	1,161	742	96	104	1,115	772
Ga.	8	14	11	24.8	29.0	29.0	208	406	319	105	112	426	357
E.S.C.:													
Ky.	87	76	76	26.3	28.0	34.0	2,300	2,128	2,584	92	88	1,958	2,274
Tenn.	77	63	52	19.7	23.5	25.0	1,516	1,480	1,300	95	92	1,406	1,196
Miss.	9	5	3	25.6	31.0	34.0	242	155	102	86	86	133	88
W.S.C.:													
Ark.	20	12	17	21.9	24.0	30.0	460	288	510	82	87	236	444
Okla.	186	620	639	17.2	22.0	24.0	3,712	18,640	15,336	74	73	10,094	11,195
Tex.	164	295	401	16.8	19.5	22.0	3,045	5,752	8,822	80	80	4,602	7,058
Mt.:													
Mont.	983	1,884	1,733	27.4	27.5	23.5	27,530	51,810	40,726	67	68	34,713	27,604
Idaho	460	537	516	33.6	31.5	29.0	15,421	16,916	14,964	88	89	14,886	13,318
Wyo.	120	112	92	30.3	31.0	32.0	3,630	3,472	2,944	87	90	3,021	2,650
Colo.	441	529	561	25.6	29.0	33.0	11,433	15,341	18,513	77	76	11,813	14,070
N. Mex.	23	38	47	29.8	37.0	43.0	691	1,406	2,021	97	99	1,364	1,709
Ariz.	100	175	178	54.9	56.0	61.0	8,830	9,800	10,858	113	111	11,074	12,052
Utah	152	177	158	43.2	45.0	43.0	6,591	7,965	6,794	101	100	8,045	6,794
Nev.	19	15	12	36.7	40.0	37.0	699	600	444	113	113	678	502
Pac.:													
Wash.	410	703	654	34.2	38.5	36.0	13,963	27,066	23,544	86	85	23,277	20,012
Oreg.	438	538	457	34.7	36.0	35.5	15,244	19,368	16,224	101	104	19,562	16,873
Calif.	1,723	1,757	1,722	36.0	39.0	40.0	62,413	68,523	68,880	103	102	70,579	70,258
RICE (ROUGH)	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 bags	1,000 bags	1,000 bags	Dol- lars per bag	Dol- lars per bag	\$1,000	\$1,000
Total <sup>2</sup>	1,835	1,586	1,1594.8	2,680	3,369	3,411	48,358	53,438	54,403	4.59	4.59	245,284	249,608
Mo.	3.4	4.1	3.8	2,712	3,400	3,400	96	1,188	1,298	4.53	4.45	630	574
Miss.	37	44	44	2,705	2,700	2,950	1,003	1,003	1,298	4.71	4.85	5,595	6,295
Ark.	433	388	384	2,562	3,400	3,500	10,049	13,022	13,440	4.60	4.60	59,901	61,824
La.	545	453	458	2,300	2,850	2,900	12,306	12,910	13,282	4.63	4.55	59,773	60,433
Tex.	496	417	417	2,670	3,100	3,050	13,050	12,927	12,718	4.94	4.95	63,859	62,054
Calif.	320	285	288	3,545	4,650	4,700	10,954	13,252	13,586	4.19	4.25	55,526	57,528

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.<sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Short-time average.

No. 909. OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960  
[Pounds per bushel, 32]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct. per bu.	Ct. per bu.	\$1,000	\$1,000
U.S. <sup>2</sup>	36,680	28,368	27,091	35.7	37.6	42.9	1,302,996	1,066,370	1,161,512	65	61	688,771	710,369
N.E.:													
Maine	82	71	58	42.3	47.0	47.0	3,486	3,337	2,726	70	62	2,336	1,690
N.H.	2	1	1	37.2	38.0	40.0	59	39	40	95	85	37	34
Vt.	17	13	12	35.8	43.0	43.0	598	559	516	95	85	531	439
Mass.	3	2	2	37.9	41.0	42.0	97	82	84	95	85	78	71
Conn.	2	1	1	33.4	39.0	36.0	56	39	36	95	85	37	31
M.A.:													
N.Y.	688	609	566	42.2	54.0	52.0	28,830	32,886	29,432	74	74	24,336	21,780
N.J.	34	25	25	37.0	42.0	36.5	1,271	1,050	912	76	75	798	684
Pa.	750	707	679	38.0	44.0	42.5	28,897	31,108	28,888	73	75	22,709	21,644
E.N.C.:													
Ohio	1,138	1,112	1,045	42.0	46.0	63.0	47,835	51,152	65,835	67	63	34,272	41,476
Ind.	1,216	877	807	40.6	38.0	59.0	49,139	33,326	47,613	66	63	21,995	29,996
Ill.	3,185	2,196	1,801	43.4	41.0	51.0	137,341	90,036	91,851	66	62	59,424	56,948
Mich.	1,252	919	735	38.4	41.0	51.0	47,686	37,679	37,485	65	61	24,491	22,866
Wis.	2,832	2,562	2,306	47.5	50.0	47.0	134,134	128,100	108,382	64	63	81,984	68,281
W.N.C.:													
Minn.	4,761	3,681	3,865	39.6	45.0	49.0	186,768	165,645	189,385	60	55	99,387	104,162
Iowa	5,713	4,316	4,057	37.5	43.5	40.5	213,827	187,746	164,308	63	60	118,280	98,585
Mo.	1,192	675	500	29.2	26.5	35.0	35,047	17,888	17,500	67	67	11,985	11,725
N. Dak.	1,866	1,612	1,967	28.3	24.5	33.5	52,980	39,494	65,894	52	46	20,537	30,311
S. Dak.	3,314	2,064	2,704	28.4	20.0	41.0	94,171	41,280	110,864	59	53	24,355	58,758
Nebr.	1,990	1,277	1,213	24.4	25.0	35.5	47,884	31,925	43,002	63	60	20,113	25,837
Kans.	925	681	422	23.9	24.0	34.0	22,478	16,344	14,348	67	66	10,950	9,470
S.A.:													
Del.	8	7	6	34.8	33.5	47.0	277	284	282	72	70	168	197
Md.	57	53	52	36.4	40.0	42.0	2,110	2,120	2,184	74	73	1,569	1,594
Va.	124	115	92	34.6	38.0	40.0	4,299	4,370	3,680	72	73	3,146	2,686
W. Va.	36	29	27	33.4	40.0	41.0	1,211	1,160	1,107	79	79	916	875
N.C.	380	349	241	33.0	35.0	34.0	12,638	12,215	8,194	68	81	8,306	6,637
S.C.	472	421	274	30.0	33.0	30.5	14,223	13,893	8,357	70	79	9,725	6,602
Ga.	389	276	196	28.8	32.0	35.0	11,207	8,832	6,800	73	82	6,447	5,625
Fla.	26	27	25	22.6	26.0	30.0	625	702	750	98	96	688	720
E.S.C.:													
Ky.	66	38	33	28.2	31.0	37.0	1,880	1,178	1,221	76	75	895	916
Tenn.	194	164	125	28.4	31.5	33.5	5,565	5,166	4,188	79	80	4,081	3,360
Ala.	115	130	114	28.2	32.0	32.0	3,311	4,160	3,648	81	80	3,370	2,918
Miss.	228	200	160	34.2	43.0	49.0	8,159	7,840	7,840	73	75	6,278	5,880
W.S.C.:													
Ark.	269	189	134	32.4	36.0	45.0	9,217	6,804	6,030	69	70	4,695	4,221
La.	76	83	58	28.6	31.0	35.0	2,254	2,573	2,030	77	81	1,981	1,644
Okla.	578	512	425	20.6	24.5	29.0	12,310	12,544	12,325	64	66	8,028	8,134
Tex.	1,237	1,151	1,197	22.3	23.0	26.0	28,388	26,473	31,122	67	73	17,737	22,719
Mt.:													
Mont.	256	231	238	33.8	32.0	29.0	8,690	7,392	6,902	58	58	4,287	4,003
Idaho	191	151	146	45.6	49.0	44.0	8,710	7,399	6,424	68	71	5,031	4,561
Wyo.	126	110	97	31.3	33.0	31.0	3,050	3,630	3,007	66	70	2,396	2,105
Colo.	156	115	129	31.4	36.0	38.0	4,929	4,140	4,902	73	72	3,022	3,529
N. Mex.	20	17	17	24.4	42.0	40.0	4,486	714	680	77	76	550	517
Ariz.	10	9	10	48.5	55.0	50.0	499	495	500	92	93	455	465
Utah	39	29	28	46.6	49.0	46.0	1,826	1,421	1,288	82	84	1,165	1,082
Nev.	5	3	2	41.7	44.0	43.0	225	132	86	85	84	112	72
Pac.:													
Wash.	163	134	109	46.6	42.5	40.0	7,596	5,695	4,360	69	76	3,930	3,314
Oreg.	304	227	193	33.1	34.0	41.0	9,974	7,718	7,913	74	76	5,711	6,014
Calif.	187	197	187	31.2	35.0	33.0	5,881	6,895	6,501	79	80	5,447	5,201

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

No. 910. RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE,  
BY STATES: 1949 TO 1960  
[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
				Bu.	Bu.	Bu.	bu.	bu.	bu.	Cents per bu. 99	Cents per bu. 87	\$1,000	\$1,000
RYE	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.				
Total <sup>2</sup>	1,676	1,443	1,652	13.7	15.5	19.4	23,164	22,339	32,109	99	87	\$1,000	\$1,000
New York	14	9	15	20.5	23.0	23.0	293	207	345	107	109	221	376
New Jersey	12	11	12	20.2	22.0	24.0	243	242	288	117	108	283	311
Pennsylvania	18	19	16	19.6	22.0	25.0	364	418	400	115	110	481	440
Ohio	27	24	25	18.4	20.0	23.0	512	480	575	103	95	494	546
Indiana	69	62	59	16.1	19.5	22.5	1,142	1,209	1,328	113	105	1,366	1,394
Illinois	64	56	58	15.6	19.0	19.0	1,028	1,064	1,007	107	99	1,188	997
Michigan	51	52	39	15.8	18.5	18.0	805	962	702	92	91	981	639
Wisconsin	56	27	23	12.6	16.0	15.5	701	432	356	104	104	449	370
Minnesota	122	58	58	15.2	18.5	21.0	1,820	1,073	1,218	95	85	1,019	1,035
Iowa	12	9	7	15.8	18.0	17.0	190	162	119	98	100	159	119
Missouri	47	40	41	14.0	15.5	19.0	604	620	779	99	95	614	740
North Dakota	273	202	303	14.6	13.5	22.0	4,103	2,727	6,666	84	75	2,291	5,000
South Dakota	287	127	231	14.3	12.5	23.0	3,974	1,588	5,313	89	79	1,413	4,197
Nebraska	175	151	151	10.7	13.5	17.0	1,856	2,038	2,567	89	79	1,814	2,028
Kansas	68	119	129	11.6	15.0	18.0	891	1,785	2,322	85	80	1,517	1,853
Delaware	15	11	14	16.2	18.5	23.0	235	204	322	137	112	279	361
Maryland	16	19	18	17.8	20.5	22.0	280	352	396	127	110	447	436
Virginia	20	25	20	16.2	18.5	19.0	317	462	380	156	154	721	585
North Carolina	20	22	18	13.4	15.0	15.5	276	330	279	177	167	584	466
South Carolina	11	16	14	11.7	14.0	14.5	131	224	203	192	187	430	380
Georgia	8	20	19	10.4	12.0	14.5	89	240	276	192	202	461	553
Kentucky	25	14	14	14.8	17.0	19.0	368	238	266	126	118	300	314
Tennessee	21	13	12	11.1	12.5	13.0	232	162	156	138	135	224	211
Oklahoma	84	80	91	7.6	11.0	12.5	677	880	1,138	90	90	702	1,024
Texas	28	20	23	8.4	9.5	11.0	236	190	253	92	92	175	233
Montana	12	20	35	12.6	19.0	21.0	163	380	735	67	55	255	404
Idaho	4	3	4	15.2	17.0	20.0	62	51	80	107	103	55	82
Wyoming	7	6	7	11.3	15.0	12.5	75	90	88	84	76	76	67
Colorado	32	72	67	8.8	13.0	16.0	284	936	1,072	78	73	730	783
New Mexico	5	6	8	10.8	14.0	14.5	55	84	116	98	104	82	121
Utah	5	5	4	9.4	11.0	9.0	50	55	36	111	106	61	38
Washington	38	98	91	13.3	21.0	20.0	612	2,058	1,820	102	102	2,099	1,856
Oregon	20	18	21	13.5	15.5	18.0	277	279	378	114	115	318	435
California	8	9	10	11.7	13.0	13.0	97	117	130	113	110	132	143
SORGHUMS FOR GRAIN													
Total <sup>2</sup>	10,718	15,572	15,444	22.6	37.6	41.3	261,008	585,253	637,673	86	82	498,197	515,164
Indiana	7	16	24	36.4	56.0	53.0	330	896	1,272	83	82	744	1,043
Illinois	4	13	13	351.7	48.0	52.0	242	624	676	88	83	540	561
Iowa	65	62	43	389.6	54.0	55.0	3,127	3,348	2,365	82	79	2,745	1,883
Missouri	172	507	468	26.2	60.0	51.0	7,084	25,360	28,868	82	78	20,787	18,617
South Dakota	82	145	175	17.9	23.0	36.0	1,841	3,335	6,300	80	71	2,668	4,473
Nebraska	647	1,418	1,705	24.0	43.5	50.5	20,454	61,688	86,102	78	74	48,113	63,715
Kansas	2,741	4,053	4,174	19.2	35.0	40.0	55,006	141,855	166,960	77	73	109,228	121,881
Virginia	10	7	8	32.0	32.5	38.0	3,318	228	304	101	94	230	286
North Carolina	60	98	94	27.6	33.0	40.0	1,660	3,234	3,760	108	100	3,493	3,760
South Carolina	9	17	10	18.6	23.0	24.0	178	391	240	113	120	442	288
Georgia	30	39	35	31.9	25.0	24.0	3,632	975	840	109	108	1,063	907
Kentucky	24	25	23	385.0	45.0	44.0	3,959	1,125	1,012	93	91	1,046	921
Tennessee	25	39	33	23.6	32.0	32.0	665	1,248	1,056	101	100	1,260	1,056
Alabama	30	33	28	18.1	25.0	24.0	562	825	672	100	99	825	665
Mississippi	16	22	15	19.4	31.0	34.0	399	682	510	98	96	668	490
Arkansas	52	49	30	20.5	28.0	26.0	1,262	1,372	780	99	93	1,358	725
Louisiana	6	8	6	23.6	34.0	34.0	155	272	204	98	94	207	192
Oklahoma	769	696	724	15.0	27.0	32.0	11,790	18,792	23,168	85	79	15,973	18,803
Texas	5,128	7,307	6,042	24.6	38.0	40.0	133,416	277,666	277,680	88	85	244,346	230,028
Colorado	361	413	306	13.5	22.5	24.0	5,369	9,929	7,344	86	83	7,991	6,096
New Mexico	290	223	227	17.8	38.0	40.0	5,231	8,474	9,080	88	86	7,437	7,800
Arizona	78	96	101	47.5	58.0	60.0	3,788	5,568	6,060	115	110	6,403	6,666
California	144	286	260	49.3	63.0	67.0	7,583	18,018	17,420	114	108	20,541	18,814

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Short-time average.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

## Tobacco

663

## No. 911. TOBACCO—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1960

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR <sup>1</sup>	Production	Domestic disappearance <sup>2</sup>	Exports	Imports <sup>3</sup>	Stocks, end of year
1931-1935	1,208	759	456	61	2,227
1936-1940	1,492	927	402	74	2,415
1941-1945	1,604	1,283	432	75	2,543
1946-1950	2,080	1,411	531	87	3,014
1951-1955	2,217	1,471	552	108	3,753
1945	1,991	1,335	594	76	2,452
1946	2,315	1,354	657	92	2,756
1947	2,107	1,414	437	75	3,012
1948	1,980	1,417	505	88	3,071
1949	1,969	1,420	531	87	3,089
1950	2,030	1,452	523	94	3,144
1951	2,382	1,488	584	106	3,404
1952	2,256	1,557	498	106	3,604
1953	2,059	1,481	515	105	3,668
1954	2,244	1,419	516	110	3,977
1955	2,193	1,410	648	115	4,112
1956	2,176	1,373	557	122	4,359
1957	1,688	1,393	528	128	4,106
1958	1,736	1,388	535	150	3,920
1959	1,796	1,426	503	145	3,788
1960 (prel.)	1,960	(4)	(4)	(4)	(4)

<sup>1</sup> Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September.<sup>2</sup> U.S. tobacco only.<sup>3</sup> Compiled from reports of the Department of Commerce. Declared weight; includes stems, trimmings, and scraps.<sup>4</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

## No. 912. TOBACCO—ACREAGE, PRODUCTION, AND PRICE, BY STATES: 1949 TO 1960

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>	
	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)
Total <sup>2</sup>	Acres 1,513,290	Acres 1,152,000	Acres 1,144,300	Lb. 1,383	Lb. 1,559	Lb. 1,713	1,000 pounds 2,066,165	1,000 pounds 1,796,071	1,000 pounds 1,960,373	Ct. per lb. 58.3	Ct. per lb. 61.1
Mass-----	5,950	3,300	3,300	1,642	1,572	1,664	9,746	5,187	5,492	123.0	137.0
Conn-----	14,710	9,300	8,800	1,456	1,403	1,505	21,267	13,050	13,171	147.0	165.0
Pa.-----	30,430	31,000	31,000	1,573	1,725	1,700	47,831	53,475	52,700	31.5	----
Ohio-----	16,640	13,100	13,400	1,452	1,665	1,634	24,036	21,814	21,895	51.8	53.7
Ind.-----	9,000	6,900	7,000	1,400	1,750	1,600	12,972	12,075	11,200	61.5	63.5
Wis.-----	15,180	13,900	14,600	1,539	1,502	1,695	23,161	20,878	24,740	33.7	----
Mo.-----	4,050	3,000	3,000	1,194	1,550	1,550	4,730	4,680	4,650	58.7	62.5
Md.-----	45,950	40,000	37,500	846	780	875	38,498	31,200	32,812	61.6	----
Va.-----	117,480	90,800	89,900	1,361	1,588	1,658	157,792	144,191	149,092	53.6	58.5
W. Va.-----	2,850	2,500	2,500	1,424	1,615	1,625	4,042	4,038	4,062	60.0	62.0
N. C.-----	630,270	468,300	468,100	1,402	1,544	1,825	870,922	723,130	854,280	57.9	61.2
S. C.-----	110,900	81,000	81,000	1,465	1,765	1,815	159,712	142,965	147,015	63.0	61.2
Ga.-----	93,500	70,200	71,300	1,286	1,518	1,839	118,884	106,548	131,126	60.2	58.5
Fla.-----	22,570	18,400	18,500	1,230	1,382	1,571	27,514	25,420	29,061	91.1	89.4
Ky.-----	295,410	222,300	219,700	1,399	1,604	1,627	408,138	356,505	357,508	58.8	62.5
Tenn-----	97,110	77,500	73,900	1,416	1,681	1,631	135,606	130,273	120,545	54.1	59.5
Ala.-----	514	3450	3460	1,067	1,250	1,530	534	562	704	55.9	53.8
La.-----	299	3130	3320	634	575	1,000	186	75	320	73.0	73.0

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.<sup>2</sup> Excludes Alaska and Hawaii.<sup>3</sup> Rounded to hundreds for inclusion in United States totals.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

**No. 913. COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1931 TO 1960**

[In thousands of bales except average price. For years ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginnery. Price per pound is average price received by growers. For data prior to 1931, see 1949, 1959, and earlier editions of the *Statistical Abstract*. For stocks, see *Historical Statistics, Colonial Times to 1957*, series K 304]

YEARLY AVERAGE OR YEAR	PRODUCTION		Average price per pound upland cotton (cents) <sup>1</sup>	Consumption <sup>2</sup> (running bales)	Net exports of domestic cotton (running bales)	Net imports (equivalent 500-pound bales)	Carry-over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1931-1935	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-1940	12,783	13,148	9.9	6,938	5,306	171	9,008
1941-1945	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-1950	11,875	12,102	29.4	9,038	3,929	252	5,014
1951-1955	13,997	14,093	35.2	9,317	3,975	148	6,321
1956-1960	12,905	13,013	31.8	8,709	5,100	138	10,207
1951	9,910	10,014	30.9	10,509	4,108	189	2,278
1952	15,076	15,148	37.7	9,196	5,515	72	2,789
1953	14,955	15,130	34.2	9,461	3,048	193	5,005
1954	16,317	16,465	32.3	8,576	3,760	142	9,728
1955	13,619	13,697	33.6	8,841	3,445	146	11,205
1956	14,542	14,721	32.3	9,210	2,214	137	14,529
1957	13,151	13,310	31.8	8,608	7,598	136	11,323
1958	10,880	10,964	29.6	7,999	5,717	141	8,737
1959	11,435	11,512	33.2	8,703	2,789	136	8,885
1960	14,515	14,558	31.7	9,025	7,182	140	7,500

<sup>1</sup> Data from Department of Agriculture, Agricultural Marketing Service.

<sup>2</sup> Beginning 1951, adjusted to cotton season.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

**No. 914. COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1931 TO 1960**

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports. Tons are of 2,000 pounds; bales, 500 pounds net]

YEARLY AVERAGE OR YEAR	COTTONSEED		COTTONSEED PRODUCTS				
	Production	Used in mills	Production				Exports
			Oil	Meal and cake	Hulls	Linters	Oil
1931-1935	1,000 tons	1,000 tons	1,000 pounds	1,000 tons	1,000 bales	1,000 pounds	1,000 tons
1936-1940	5,932	4,474	1,398,611	2,032	1,220	954,186	28,100
1941-1945	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681
1946-1950	5,136	4,223	1,327,149	1,898	1,019	1,489,821	19,680
1951-1955	4,883	4,296	1,363,440	1,928	1,001	1,576,300	54,855
1956-1960	5,811	5,255	1,716,540	2,482	1,163	1,065,698	226,385
1951	5,370	4,945	1,679,255	2,317	1,119	1,661,080	386,599
1952	4,105	3,723	1,196,893	1,660	857	1,394,365	60,832
1953	6,302	5,476	1,751,143	2,548	1,234	2,054,512	99,368
1954	6,191	5,563	1,825,411	2,672	1,199	2,069,013	45,876
1955	6,749	6,256	2,078,981	2,961	1,388	2,326,407	342,675
1956	5,709	5,249	1,735,273	2,561	1,139	1,984,195	583,175
1957	6,043	5,588	1,894,418	2,631	1,249	2,025,442	486,419
1958	5,407	4,959	1,655,262	2,390	1,073	1,796,766	405,192
1959	4,609	4,247	1,437,631	1,958	966	1,496,132	251,959
1960	4,798	4,439	1,517,765	2,061	1,029	1,335,160	309,868
	5,991	5,491	1,861,473	2,547	1,257	1,682,310	477,558

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# Cotton and Cottonseed

665

## No. 915. COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960

Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for period are simple averages of figures for individual years.]

YEARLY AVERAGE OR YEAR	COTTON				COTTONSEED			Total farm value	
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton	
<b>United States:</b> 1949-58-----	1,000	1,000	\$1,000	Pounds	Cents	1,000 short tons	\$1,000	Dollars	\$1,000
1959-----	19,969	13,710	2,278,181	345	33.39	5,645	320,944	57.50	2,559,125
1960 (prel.)-----	15,090	14,558	2,304,265	462	31.66	5,991	232,115	38.80	2,536,380
1960 (prel.)-----	15,316	14,309	2,216,805	448	31.0	4,5921	252,350	42.60	2,469,155
<b>Alabama:</b> 1949-58-----	1,235	768	132,500	316	34.54	308	16,535	53.80	149,035
1959-----	835	718	119,469	412	33.30	291	10,301	35.40	129,770
1960 (prel.)-----	860	760	122,740	424	32.3	4,307	10,868	35.40	133,608
<b>Arizona:</b> 1949-58-----	446	780	134,193	868	34.60	823	18,839	59.30	153,032
1959-----	383	715	119,032	893	33.34	300	12,480	41.60	131,512
1960 (prel.)-----	426	835	138,902	941	32.1	4,348	17,678	50.80	151,580
<b>Arkansas:</b> 1949-58-----	1,698	1,323	221,604	388	33.78	544	30,072	56.00	251,676
1959-----	1,300	1,544	253,445	568	32.83	629	23,902	38.00	277,347
1960 (prel.)-----	1,315	1,350	212,026	493	31.5	4,561	23,057	41.10	235,682
<b>California:</b> 1949-58-----	936	1,488	250,956	796	33.88	596	35,520	60.30	286,476
1959-----	875	1,920	310,230	1,055	32.16	759	33,700	44.40	343,930
1960 (prel.)-----	944	1,950	311,056	992	31.9	4,777	40,404	52.00	351,460
<b>Georgia:</b> 1949-58-----	1,053	615	106,955	301	34.58	253	14,101	55.30	121,056
1959-----	655	521	85,907	381	32.05	217	7,986	36.80	98,893
1960 (prel.)-----	653	505	80,800	371	32.0	4,208	7,488	36.00	88,288
<b>Louisiana:</b> 1949-58-----	711	578	97,990	394	33.77	286	13,044	54.70	111,034
1959-----	490	492	80,946	481	32.94	205	7,831	38.20	88,777
1960 (prel.)-----	502	505	78,780	483	31.2	4,211	8,398	39.80	87,178
<b>Mississippi:</b> 1949-58-----	1,972	1,571	269,653	393	34.22	643	37,041	57.50	306,694
1959-----	1,460	1,568	260,407	514	33.21	639	24,985	39.10	285,392
1960 (prel.)-----	1,515	1,550	245,675	491	31.7	4,644	27,048	42.00	272,723
<b>Missouri:</b> 1949-58-----	444	363	59,828	379	33.27	156	8,080	52.60	67,908
1959-----	398	508	81,533	610	32.12	211	7,301	34.60	88,884
1960 (prel.)-----	412	470	73,555	548	31.3	4,201	7,940	39.50	81,495
<b>New Mexico:</b> 1949-58-----	231	281	49,981	610	35.79	115	7,164	63.30	57,145
1959-----	198	323	56,152	782	34.81	181	5,607	42.80	61,759
1960 (prel.)-----	203	290	47,799	686	33.0	4,119	5,236	44.00	53,035
<b>North Carolina:</b> 1949-58-----	575	377	64,067	326	34.08	157	8,790	55.50	72,857
1959-----	300	322	48,529	395	30.16	134	4,409	32.90	52,938
1960 (prel.)-----	392	235	37,835	288	32.2	4,98	3,802	38.80	41,637
<b>Oklahoma:</b> 1949-58-----	920	301	54,840	203	30.55	148	8,209	57.80	63,049
1959-----	625	381	58,159	292	27.90	152	5,715	37.60	58,874
1960 (prel.)-----	633	460	65,090	349	32.8	4,190	7,752	40.80	72,842
<b>South Carolina:</b> 1949-58-----	862	541	93,092	313	34.35	228	12,794	55.20	105,886
1959-----	565	417	66,226	353	31.77	177	5,983	33.80	72,209
1960 (prel.)-----	547	415	68,268	364	32.9	4,173	6,314	36.50	74,582
<b>Tennessee:</b> 1949-58-----	675	547	98,977	403	34.57	222	12,105	55.20	106,082
1959-----	510	660	111,468	620	33.78	269	10,249	38.10	121,717
1960 (prel.)-----	510	590	95,875	555	32.5	4,241	10,122	42.00	105,997
<b>Texas:</b> 1949-58-----	8,138	4,072	640,824	252	31.81	1,697	97,632	59.20	738,456
1959-----	6,350	4,416	650,822	334	29.48	1,859	71,014	38.20	721,836
1960 (prel.)-----	6,350	4,350	635,888	320	32.2	4,182	75,555	41.40	711,443
<b>Other States:</b> 1949-58-----	74	45	7,721	308	33.68	19	1,015	53.50	8,736
1959-----	56	44	6,940	377	31.47	18	652	36.30	7,592
1960 (prel.)-----	54	44	6,917	393	31.5	4,18	688	38.00	7,605

<sup>1</sup> Includes an allowance for unredeemed loans. <sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Average price to Dec. 1. <sup>4</sup> Based on 1955-59 average ratio of lint to cottonseed.

## No. 916. COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1960

[For years ending July 31 except as noted. Tons are of 2,000 pounds; bales, 500 pounds net]

STATE	COTTONSEED (crushed)		COTTONSEED PRODUCTS			
	Production <sup>1</sup>	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons 5,991	1,000 tons 5,491	1,000 lbs. 1,861,473	1,000 tons 2,547	1,000 tons 1,257	Bales 1,652,310
Total <sup>2</sup>						
Alabama	294	217	67,786	103	50	70,984
Arizona	299	266	92,107	126	55	86,542
Arkansas	631	528	182,503	240	119	147,071
California	761	745	262,589	367	146	241,905
Georgia	217	223	70,736	108	42	82,621
Louisiana	204	167	56,207	77	40	47,111
Mississippi	640	556	184,036	260	122	163,797
North Carolina	136	118	37,319	53	24	47,803
Oklahoma	151	(3)	(3)	(3)	(3)	(3)
South Carolina	176	123	38,941	57	26	50,326
Tennessee	267	(3)	(3)	(3)	(3)	(3)
Texas	1,868	1,757	592,706	803	447	464,422
All other States <sup>3</sup>	347	792	276,543	353	189	229,638

<sup>1</sup> Relates to preceding crop year.<sup>2</sup> Excludes Alaska and Hawaii.<sup>3</sup> Included in "All other" to avoid disclosure of figures for individual companies.Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

## No. 917. SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>			FARM VALUE		
	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)		
	1,000 acres	1,000 acres	1,000 acres	Cwt.	Cwt.	Cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dol. per cwt.	Dol. per cwt.	\$1,000	\$1,000		
Total <sup>2</sup>	344	276	223	57	68	70	19,302	18,833	15,667	3.07	3.84	60,154	62,162		
Alabama	21	12	10	44	57	57	906	684	570	4.28	4.65	2,893	2,660		
Arkansas	7	5	4	46	60	65	324	282	240	4.25	4.75	1,198	1,140		
California	12	13	12	71	78	75	837	1,014	900	7.01	9.30	7,108	8,370		
Florida	4	2	1	45	50	50	171	75	60	5.80	5.80	398	318		
Georgia	26	13	10	42	47	48	1,076	611	480	4.73	5.30	2,890	2,544		
Kansas	1	1	1	53	100	90	59	120	117	3.68	4.70	442	550		
Kentucky	6	4	4	51	57	54	294	251	221	4.47	4.50	1,122	994		
Louisiana	88	81	65	55	62	58	4,872	5,022	3,770	1.55	3.30	7,784	12,441		
Maryland	5	4	4	104	132	135	524	554	540	3.37	3.10	1,867	1,674		
Mississippi	25	19	16	45	57	51	1,122	1,083	816	4.20	4.85	4,549	3,958		
Missouri	2	2	2	56	65	65	138	130	98	3.99	4.50	519	441		
New Jersey	16	16	14	88	85	100	1,385	1,360	1,450	3.12	3.15	4,243	4,588		
North Carolina	43	33	25	62	80	90	2,626	2,640	2,250	3.76	4.40	9,926	9,900		
Oklahoma	3	2	2	48	61	65	132	98	110	4.19	4.80	411	528		
South Carolina	26	14	9	50	54	55	1,316	756	495	4.17	4.40	3,153	2,178		
Tennessee	13	10	7	55	70	70	687	700	490	3.78	4.40	2,646	2,156		
Texas	29	23	17	45	65	60	1,337	1,495	1,020	3.43	4.30	5,128	4,386		
Virginia	17	22	20	79	87	102	1,368	1,958	2,040	1.98	1.65	3,877	3,366		

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.<sup>2</sup> Excludes Alaska and Hawaii.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

# Potatoes

667

**No. 918. POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960**

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
U.S. <sup>2</sup>	1,000 acres 1,480	1,000 acres 1,388	1,000 acres 1,443	Cwt. 158	Cwt. 175	Cwt. 178	1,000 cwt. 233,419	1,000 cwt. 243,281	1,000 cwt. 256,677	Dol. per cwt. 2.27	Dol. per cwt. 2.11	\$1,000 553,056	\$1,000 540,991
N.E.:													
Maine-----	139	142	148	257	240	230	35,576	34,080	34,040	2.32	1.65	79,066	56,166
N.H.-----	3	2	2	161	170	180	492	340	342	3.16	2.60	1,074	889
Vt.-----	4	2	2	145	165	170	523	297	323	3.22	2.60	956	840
Mass.-----	8	7	7	152	167	187	1,205	1,135	1,346	2.76	2.32	8,134	8,124
R.I.-----	5	5	5	183	213	242	859	959	1,112	2.71	2.23	2,601	2,477
Conn.-----	8	7	7	179	190	210	1,362	1,292	1,470	2.95	2.30	3,811	3,381
M.A.:													
N.Y.-----	101	80	81	188	201	228	18,739	16,098	18,450	2.10	1.80	34,078	33,619
N.J.-----	26	18	17	168	215	235	4,165	3,870	3,995	1.93	1.70	7,460	6,792
Pa.-----	63	48	48	146	170	181	9,160	8,100	8,700	2.79	2.33	22,801	20,273
E.N.C.:													
Ohio-----	24	19	20	142	165	185	3,382	3,202	3,666	2.68	2.36	8,584	8,630
Ind.-----	12	10	8	153	187	218	1,810	1,890	1,762	2.17	2.20	4,097	3,870
Ill.-----	5	2	2	64	85	85	330	153	153	2.71	2.96	415	453
Mich.-----	64	54	49	121	144	154	7,566	7,722	7,572	2.26	2.29	17,518	17,322
Wis.-----	55	45	52	182	146	172	7,212	6,580	8,970	2.20	2.50	24,500	22,394
W.N.C.:													
Minn.-----	84	92	105	110	127	127	9,198	11,674	13,282	1.67	1.43	19,511	18,055
Iowa-----	8	6	6	75	90	82	592	495	451	1.98	2.15	955	970
Mo.-----	12	9	8	66	70	70	708	630	560	3.00	3.16	1,890	1,770
N. Dak.-----	95	100	112	115	124	130	10,985	12,400	14,560	1.65	1.45	20,460	21,112
S. Dak.-----	11	7	8	81	60	85	902	438	638	2.11	2.00	924	1,276
Nebr.-----	27	17	17	135	154	168	3,707	2,677	2,840	1.55	1.50	4,158	4,312
Kans.-----	4	2	2	58	100	90	258	230	207	3.06	3.03	704	627
S.A.:													
Del.-----	7	12	11	153	200	200	1,161	2,400	2,200	2.32	1.43	5,568	3,146
Md.-----	7	5	5	88	105	122	611	502	620	2.19	1.43	1,070	935
Va.-----	38	34	36	102	100	130	3,854	3,401	4,641	3.11	1.76	10,427	8,264
W. Va.-----	14	11	11	65	70	80	912	770	880	2.95	2.67	2,272	2,350
N.C.-----	43	33	31	89	110	130	3,848	3,628	4,070	3.08	2.03	10,975	8,388
S.C.-----	10	6	7	81	90	95	836	540	666	3.45	2.75	1,863	1,829
Ga.-----	7	5	4	46	51	46	303	228	181	3.46	3.39	788	613
Fla.-----	35	37	37	151	133	122	5,334	4,944	4,548	2.81	3.93	13,221	17,835
E.S.C.:													
Ky.-----	18	14	13	58	65	67	1,040	800	884	2.70	2.38	2,403	2,104
Tenn.-----	18	13	12	57	70	67	999	910	804	3.07	3.00	2,794	2,412
Ala.-----	30	21	25	80	91	107	2,389	1,875	2,620	3.68	2.59	6,827	6,952
Miss.-----	11	9	8	40	50	45	434	450	338	3.04	3.02	1,368	1,021
W.S.C.:													
Ark.-----	14	8	7	50	59	60	680	448	402	3.06	2.93	1,371	1,178
La.-----	11	7	7	42	52	56	441	374	392	2.98	3.17	1,115	1,243
Okla.-----	6	5	5	50	60	60	300	294	270	3.91	3.50	1,150	945
Tex.-----	21	20	21	79	126	119	1,590	2,562	2,503	2.55	3.07	6,790	7,654
Mt.:													
Mont.-----	10	9	9	136	150	140	1,334	1,365	1,302	3.42	3.40	4,668	4,427
Idaho-----	164	210	234	186	192	181	30,605	40,496	42,400	2.10	2.05	84,845	86,795
Wyo.-----	5	5	4	133	155	160	644	728	704	1.43	2.00	1,041	1,408
Colo.-----	54	57	56	196	206	213	10,699	11,760	11,922	1.56	2.02	18,494	23,943
N. Mex.-----	2	2	2	109	175	185	187	385	426	2.09	2.85	805	1,214
Ariz.-----	5	8	10	226	250	240	1,189	1,950	2,352	4.11	2.57	8,014	6,045
Utah-----	11	9	9	152	175	170	1,632	1,488	1,462	2.67	2.60	3,973	3,801
Nev.-----	2	1	1	191	210	220	302	294	220	2.41	2.30	709	506
Pac.:													
Wash.-----	34	41	37	242	240	245	8,163	9,860	9,060	1.47	1.99	14,739	18,004
Oreg.-----	36	37	35	220	238	220	7,988	8,692	7,700	2.14	2.43	18,683	18,750
Calif.-----	110	98	102	246	283	282	26,841	27,725	28,672	2.83	2.79	78,377	79,988

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.

<sup>2</sup> Excludes Alaska and Hawaii.

<sup>3</sup> Production includes the following quantities not harvested or not marketed because of low prices and excluded in computing value (1,000 cwt.): 1959, Florida 248.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 919. ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1960

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1949-1958, avg.	1959	1960 (prel.)	1959	1960 (prel.)	1959	1960 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dol. per ton	Dol. per ton	\$1,000	\$1,000
U.S. <sup>2</sup>	74,200	68,739	69,294	1.48	1.65	1.75	109,699	113,650	121,242	22,20	22,00	2,372,287	2,500,725
N.E.:													
Maine	602	498	480	1.14	1.20	1.30	681	599	625	24.10	23.50	14,436	14,688
N.H.	260	210	203	1.31	1.40	1.51	338	295	307	31.00	29.50	9,145	9,056
Vt.	824	739	726	1.45	1.53	1.62	1,189	1,127	1,174	28.30	26.50	31,894	31,111
Mass.	280	235	230	1.61	1.71	1.80	448	402	413	34.10	34.00	13,708	14,042
R.I.	23	19	19	1.76	1.84	2.00	40	35	38	36.30	34.50	1,270	1,311
Conn.	226	202	192	1.77	1.89	1.93	401	381	371	36.80	36.00	14,021	13,356
M. A.:													
N.Y.	3,194	3,071	3,075	1.71	1.81	1.98	5,439	5,546	6,094	21.70	21.50	120,348	131,021
N.J.	240	236	230	1.91	2.28	2.24	460	539	516	30.10	31.50	16,224	16,254
Pa.	2,229	2,254	2,216	1.54	1.70	1.81	3,426	3,822	4,006	24.50	24.50	93,630	98,147
E.N.C.:													
Ohio	2,419	2,109	2,044	1.59	1.70	1.79	3,836	3,583	3,653	21.90	22.00	78,468	80,366
Ind.	1,692	1,354	1,300	1.58	1.69	1.83	2,658	2,295	2,378	19.50	20.00	44,752	47,500
Ill.	2,604	2,270	2,193	1.80	2.00	2.04	4,673	4,466	4,568	19.20	20.00	85,747	91,360
Mich.	2,288	2,071	2,046	1.54	1.84	1.83	3,511	3,801	3,750	18.40	17.50	69,938	65,625
Wis.	3,997	3,980	4,026	1.99	2.59	2.73	7,947	10,306	10,075	17.80	17.50	183,447	192,002
W.N.C.:													
Minn.	3,794	3,430	3,479	1.78	1.87	2.18	6,750	6,405	7,568	20.00	17.00	128,100	128,656
Iowa	3,756	3,601	3,544	1.81	2.30	2.26	6,818	8,273	8,002	14.30	14.50	118,304	110,029
Mo.	3,223	2,726	2,897	1.30	1.50	1.54	4,190	4,100	4,451	18.60	19.00	76,200	84,569
N.Dak.	3,727	3,911	3,887	1.02	.77	1.11	3,819	3,030	4,298	19.80	15.00	59,994	64,470
S.Dak.	5,142	4,777	4,793	.88	.71	1.10	4,538	3,403	5,276	20.70	17.00	70,442	89,692
Nebr.	5,378	4,826	4,891	1.14	1.27	1.34	6,110	6,145	6,563	14.80	15.00	90,046	98,446
Kans.	2,252	1,913	2,002	1.49	1.85	2.00	3,345	3,634	4,002	16.30	17.50	57,604	70,035
S.A.:													
Del.	60	51	46	1.46	1.61	1.70	88	82	78	24.10	24.50	1,976	1,911
Md.	440	409	393	1.50	1.75	1.83	663	714	720	25.10	24.50	17,921	17,640
Va.	1,340	1,185	1,196	1.25	1.47	1.54	1,671	1,746	1,839	28.70	31.00	50,110	57,000
W.Va.	753	676	668	1.31	1.38	1.45	982	931	968	26.80	26.00	24,951	25,168
N.C.	1,182	899	843	1.06	1.31	1.19	1,214	1,176	1,004	28.20	29.00	33,163	20,116
S.C.	615	479	435	.89	1.04	1.05	548	497	456	30.30	30.50	15,050	13,908
Ga.	888	580	513	1.08	1.06	1.08	664	573	543	20.00	28.00	15,414	15,204
Fla.	111	109	118	1.18	1.86	1.81	136	203	213	28.60	32.00	5,806	6,816
E.S.C.:													
Ky.	1,748	1,584	1,686	1.30	1.49	1.47	2,277	2,367	2,472	22.50	23.50	53,258	58,002
Tenn.	1,579	1,458	1,488	1.14	1.36	1.29	1,790	1,978	1,925	23.10	25.00	45,692	48,125
Ala.	788	728	725	.89	1.06	1.01	705	773	730	23.50	26.00	18,166	18,980
Miss.	783	787	813	1.21	1.47	1.35	952	1,169	1,097	21.40	24.50	24,803	20,876
W.S.C.:													
Ark.	1,006	787	797	1.10	1.28	1.24	1,103	1,011	985	10.20	21.50	19,411	21,178
La.	388	424	431	1.26	1.36	1.29	489	576	555	21.90	23.50	12,614	13,042
Okla.	1,478	1,267	1,313	1.20	1.55	1.64	1,772	1,059	2,150	18.30	20.00	35,860	43,000
Tex.	1,604	1,703	1,912	1.08	1.37	1.24	1,846	2,340	2,370	22.30	23.50	52,182	55,695
Mt.:													
Mont.	2,350	2,359	2,298	1.19	1.28	1.29	2,788	3,000	2,965	23.20	26.00	69,800	77,090
Idaho	1,152	1,204	1,227	2.41	2.42	2.40	2,788	2,911	2,949	25.50	22.00	68,408	64,878
Wyo.	1,125	1,143	1,128	1.21	1.22	1.12	1,368	1,394	1,269	22.70	26.50	31,444	33,028
Colo.	1,438	1,436	1,442	1.66	1.78	1.83	2,302	2,559	2,634	22.00	24.00	56,298	63,216
N. Mex.	220	233	242	2.30	2.02	2.84	510	681	688	24.30	26.00	16,548	17,888
Ariz.	256	266	280	2.86	3.67	3.81	732	970	1,067	25.70	25.00	25,083	26,675
Utah	564	567	573	2.24	2.87	2.21	1,267	1,342	1,204	22.90	26.50	30,732	33,406
Nev.	372	278	295	1.65	1.79	1.78	616	490	525	28.10	28.50	14,022	14,962
Pac.:													
Wash.	805	808	808	1.94	1.89	1.89	1,562	1,524	1,526	23.50	22.50	35,814	34,335
Oreg.	1,018	1,011	1,064	1.78	1.81	1.87	1,817	1,827	1,994	25.50	24.00	46,588	47,860
Calif.	1,926	1,966	2,086	3.28	3.44	3.46	6,324	6,756	7,228	25.50	24.50	172,278	177,086

<sup>1</sup> Season average price received by farmers for hay sold baled. State prices weighted by sales to obtain U.S. price.

<sup>2</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

No. 920. COMMERCIAL VEGETABLE CROPS INCLUDING MELONS, STRAWBERRIES, AND MINT—ACREAGE, PRODUCTION, AND VALUE,  
1959 AND 1960, AND LEADING STATES, 1960

[Production in equivalent tons of 2,000 pounds. Excludes Alaska and Hawaii. Estimates relate to commercial production for fresh market and processing combined and include production in market-garden areas. Production for home use in farm and nonfarm gardens is not included. Value is for season or crop year and should not be confused with calendar-year income]

CROP	ACREAGE 1			PRODUCTION 2 (equivalent tons)			VALUE 3 (\$1,000)
	1959	1960 (prel.)	1960, leading States	1959	1960 (prel.)	1960, leading States	
Artichokes	9,400	9,300	California, New Jersey	18,800	20,900	California, New Jersey	3,419
Asparagus	160,300	155,400	California, Delaware	181,150	190,250	California, Delaware	40,638
Beans, Lima	89,850	104,260	Florida, New York	96,850	119,550	Florida, New York	17,860
Beans, snap	292,920	303,540	Texas, Wisconsin	637,950	637,950	New York, Wisconsin	82,384
Beets	17,650	19,050	California, New Jersey	166,250	163,350	California, New Jersey	3,804
Broccoli	40,650	42,050	California, New Jersey	106,050	115,400	California, New Jersey	4,102
Brussels sprouts	5,710	5,810	California, New Jersey	34,300	36,900	California, New York	18,666
Cabbage	128,830	134,610	Texas, New York	1,092,650	1,277,250	New York, Texas	5,632
Carrots	126,400	128,670	California, Arizona	641,300	628,650	California, Arizona	47,476
Carrottops	67,200	70,450	Texas, California	723,450	795,000	California, Texas	54,187
Cauliflower	27,500	30,000	California, New York	205,800	242,550	California, New York	35,389
Celery	38,410	36,390	California, Florida	776,350	745,600	Minnesota, Wisconsin	13,924
Corn, sweet	632,600	612,980	Wisconsin, Minnesota	2,246,750	2,039,700	Michigan, Florida	48,717
Cucumbers	150,310	146,860	Michigan, North Carolina	526,550	543,600	Michigan, Florida	48,098
Eggplant	5,000	4,800	Florida, New Jersey	25,150	24,000	Florida, New Jersey	78,586
Escarole	7,500	7,200	Florida, New Jersey	46,900	46,700	Florida, New Jersey	3,112
Garlic	3,200	5,400	California, Texas	13,600	22,950	California, Arizona	3,533
Honeydew melons	8,880	9,800	California, Texas	62,550	68,100	California, Arizona	2,576
Kale	2,500	2,000	Virginia	8,750	7,500	Virginia	3,534
Lettuce	219,580	221,350	California, Arizona	1,654,050	1,799,600	California, Arizona	6,970
Mint for oil	54,100	57,300	Washington, Oregon	1,556	1,638	Washington, Oregon	11,351
Onions	114,440	102,060	Texas, New York	1,288,050	1,311,600	New York, California	13,639
Peas, green	353,850	341,240	Wisconsin, Washington	486,380	447,900	Wisconsin, Washington	55,159
Peppers, green	43,650	41,750	Florida, New Jersey	148,150	159,750	Florida, California	44,369
Shallots	3,300	2,500	Louisiana	3,100	2,550	Louisiana	28,175
Spinach	62,950	62,260	Texas, California	227,000	225,350	Texas	25,570
Strawberries	98,450	95,730	Oregon, California	238,172	234,730	Oregon, California	16,021
Watermelons	453,250	452,870	California, Florida	4,502,500	4,956,300	California, Florida	85,169
	385,400	403,150	Texas, Florida	1,423,250	1,650,050	Texas, Florida	232,121

1. Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.

2. Includes some quantities not marketed and excluded in computing value.

\* Based on season average prices received by growers.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 921. FRUITS—PRODUCTION AND VALUE: 1949 TO 1960

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 316-328, for production and prices]

CROP	UNIT	PRODUCTION (1,000) <sup>1</sup>				FARM VALUE (\$1,000)		
		1949- 1958, avg.	1958	1959	1960 (prel.)	1958	1959	1960 (prel.)
Apples (35 States) <sup>2</sup>	Bu. (48 lbs.)	112,456	126,610	121,787	106,380	178,382	197,613	218,944
Peaches	do	62,528	71,069	74,339	73,698	132,208	136,830	131,817
Pears	Bu. <sup>3</sup>	24,981	28,890	30,101	26,065	54,014	52,111	55,304
Grapes	Ton	2,886	3,026	3,189	3,018	203,522	171,769	164,475
Cherries, sweet	do	94	88	78	71	25,800	25,357	25,048
Cherries, sour	do	128	104	137	117	17,232	17,409	18,275
Plums	do	86	69	100	92	12,990	14,620	16,929
Prunes (fresh basis) <sup>4</sup>	do	468	292	436	369	44,095	57,529	58,072
Oranges and tangerines (5 States)	Box <sup>5</sup>	128,326	133,830	129,560	126,125	428,690	352,601	342,479
Grapefruit (4 States)	do <sup>6</sup>	42,625	45,800	41,620	41,870	62,564	57,342	84,371
Lemons <sup>7</sup>	do <sup>8</sup>	14,358	17,240	18,230	15,100	33,189	31,215	25,735

<sup>1</sup> Includes some quantities not harvested or not marketed on account of economic conditions.

<sup>2</sup> Production in commercial apple areas.

<sup>3</sup> Calif., 48 pounds; other States, 50 pounds.

<sup>4</sup> Fresh basis for Calif. derived by multiplying dry basis estimate by 2½.

<sup>5</sup> Net content of box varies. In Calif. and Ariz. approximate average for oranges is 77 pounds; in Fla. and other States oranges, including tangerines, 90 pounds.

<sup>6</sup> In Calif. and Ariz. approximate average is 65 pounds net; in Fla. and Tex., 80 pounds net.

<sup>7</sup> Beginning 1958, includes estimates for Ariz.

<sup>8</sup> About 70 pounds net.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

## No. 922. APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1949 TO 1960

STATE	APPLES (1,000 bu.) <sup>1</sup> <sup>2</sup>			PEACHES (1,000 bu.) <sup>2</sup>			PEARS (1,000 bu.) <sup>2</sup>			GRAPES (tons) <sup>3</sup>		
	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)	1949- 1958, avg.	1959	1960 (prel.)
U.S. <sup>4</sup>	112,456	121,787	106,380	62,528	74,339	73,698	29,981	30,191	26,065	2,885,762	3,139,050	3,018,450
Mass.	2,548	2,700	2,050	77	110	125	54	55	35			
Conn.	1,329	1,350	890	135	150	155	529	570	490	78,060	91,000	120,000
N.Y.	17,494	19,500	17,300	1,149	1,120	950	529	570	490	1,340	1,100	1,200
N.J.	2,828	3,700	2,500	1,889	2,400	2,800	2,900	3,000	153	22,600	28,000	29,000
Pa.	6,346	7,500	5,700	2,570	2,900	3,000	1,080	118	60	15,310	15,200	18,700
Ohio	3,088	2,750	3,150	979	780	800	1,080	118	60	1,150	1,350	1,400
Ind.	1,468	1,525	1,580	368	365	380	780	780	131	1,570	1,000	900
Ill.	2,641	2,300	2,100	1,091	850	780	100	85	85	40,100	57,000	65,000
Mich.	9,354	12,800	10,500	2,908	3,100	3,150	989	1,300	1,150	1,760	1,300	1,100
Iowa	176	160	110									
Mo.	912	750	825	427	250	300	99	80	80	3,650	3,600	4,000
Kans.	248	230	210	122	80	165				790	500	500
Del.	322	360	220	111	75	70						
Md.	1,185	1,600	1,130	458	460	500						
Va.	9,506	10,900	10,200	1,404	1,500	1,750	58	25	30	702	300	300
W. Va.	4,484	5,700	4,600	651	660	750	50	55	60	1,780	1,200	1,300
N.C.	1,829	1,500	2,000	1,049	1,250	1,500	81	55	90	1,270	1,800	2,200
S.C.				3,213	5,500	5,100						
Ga.				2,269	8,400	3,800	129	85	80	1,480	1,400	1,600
Ky.	318	260	400	202	150	190	57	30	30			
Tenn.	354	450	550	182	200	200	88	125	100			
Ala.				531	1,000	1,200	84	75	115			
Miss.				317	420	420	104	85	100			
Ark.	355	250	350	1,451	1,925	2,050	70	75	90	7,300	8,000	8,500
Tex.				665	1,100	1,400	184	270	275			
Idaho	1,452	1,250	500	293	240	260	86	80	65			
Colo.	1,276	1,000	850	1,672	1,670	710	194	190	25			
Wash.	26,355	23,650	22,000	1,616	2,260	1,980	5,358	4,140	3,134	36,040	58,000	39,000
Oreg.	2,492	2,200	2,150	432	550	400	5,676	5,500	4,800	920	1,100	700
Calif.	8,727	10,900	9,300	33,390	38,878	37,795	15,193	16,876	14,751	2,665,800	2,857,000	2,715,000
Other <sup>5</sup>	5,870	6,502	5,215	996	996	738	353	250	320	3,760	10,200	8,050

<sup>1</sup> See footnote 2, table 921.

<sup>2</sup> See footnote 1, table 921.

<sup>3</sup> Excludes Alaska and Hawaii.

Source: Department of Agriculture, Agricultural Marketing Service; annual summary, *Crop Production*.

No. 923. SUGAR, BEET AND CANE—PRODUCTION IN THE UNITED STATES, PRINCIPAL AREAS SUPPLYING UNITED STATES, AND WORLD: 1930 TO 1960

[In thousands of tons (raw value). Covers centrifugal only.]

YEARLY AVERAGE OR CROP YEAR	U.S. and principal supplying areas <sup>1</sup>	UNITED STATES			PRINCIPAL SUPPLYING AREAS			World	PERCENT OF WORLD TOTAL IN—	
		Total	Beet	Cane		Puerto Rico <sup>2</sup>	Repub-lic of the Philip-pines <sup>3</sup>	Cuba	U.S.	U.S. and principal supplying areas <sup>4</sup>
				La. and Fla.	Hawaii					
1930-1934	7,530	2,673	1,396	235	1,042	896	1,111	2,847	20,820	9.0
1935-1939	8,192	2,971	1,517	474	980	982	1,058	3,183	28,352	10.5
1940-1944	7,616	2,759	1,451	428	880	969	320	3,685	26,014	10.6
1945-1949	10,259	2,831	1,515	455	861	1,143	382	5,897	27,496	10.3
1950-1954	11,929	3,416	1,784	566	1,066	1,232	1,190	6,080	39,141	8.7
1955-1959	12,271	3,670	2,100	572	998	1,083	1,364	6,136	49,264	7.4
1960	12,098	3,569	2,009	564	996	1,238	935	6,348	35,989	9.9
1961	13,413	2,988	1,549	419	1,020	1,372	1,077	7,904	38,604	7.7
1952	11,226	3,209	1,505	605	1,099	1,182	1,134	5,687	37,499	8.6
1953	11,569	3,523	1,816	630	1,077	1,204	1,434	5,398	41,624	8.5
1954	11,341	3,793	2,043	610	1,140	1,165	1,372	5,001	41,989	9.0
1955	11,025	3,413	1,739	574	1,100	1,152	1,218	5,229	43,731	7.8
1956	12,012	3,612	1,966	561	1,085	990	1,143	6,252	45,612	7.9
1957	12,256	3,491	2,194	532	765	934	1,378	4,6447	49,073	7.1
1958	12,990	3,754	2,200	579	975	1,087	1,512	4,6,626	54,365	6.9
1959	12,867	3,849	2,304	615	930	1,019	1,530	6,462	53,539	7.2
1960 (prel.)	12,697	4,170	2,400	670	1,100	1,150	1,562	5,800	57,722	7.2

<sup>1</sup> Includes Virgin Islands not shown separately.

<sup>2</sup> Sugar 90% basis as computed by Puerto Rican mills.

<sup>3</sup> Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

<sup>4</sup> Includes green and liquid sugar.

<sup>5</sup> Beginning July 1960, Cuba no longer a supplier.

Source: Department of Agriculture; Agricultural Marketing Service (from official sources and International Institute of Agriculture); annual reports, *Agricultural Statistics* and *The Sugar Situation*.

No. 924. SUGAR, BEET AND CANE—QUOTA CHARGES, PRODUCTION, STOCKS, AND CONSUMPTION: 1950 TO 1960

[In thousands of tons, except per capita consumption in pounds. Unless otherwise specified, figures refer to conterminous U.S.]

ITEM	1950	1955	1957	1958	1959	1960
Quota charges, total <sup>1</sup>	8,274	8,402	8,921	9,082	9,245	<sup>2</sup> 8,339
United States (conterminous area)	2,267	2,287	2,702	2,921	2,910	2,783
Beet	1,749	1,797	2,086	2,240	2,241	2,165
Cane	518	500	636	681	578	618
Other areas	6,007	6,105	6,219	6,161	6,427	5,556
Hawaii	1,145	1,052	1,037	630	977	846
Puerto Rico	1,053	1,080	912	823	958	896
Virgin Islands	11	10	15	6	12	7
Cuba	3,204	2,867	3,121	3,441	3,219	2,394
Philippine Islands	473	977	906	980	980	980
Other countries	61	119	218	281	281	434
Production <sup>3</sup>	2,406	2,386	2,561	2,815	2,822	3,075
Visible stocks, beginning of period <sup>3,4</sup>	1,759	1,930	1,905	1,880	1,748	2,005
Receipts from foreign sources <sup>3</sup>	3,733	4,027	4,277	4,891	4,674	4,889
Receipts from outlying areas <sup>3,5</sup>	2,173	2,155	1,947	1,459	1,947	1,748
Domestic disappearance, total <sup>6</sup>	8,261	8,443	8,780	9,107	9,259	9,344
Civilian per capita consumption (refined) <sup>6</sup>	100.8	97.5	97.0	98.1	97.7	98.0

<sup>1</sup> Sugar quotas govern the supply of sugar from all sources, foreign and domestic, available to the United States (conterminous area). The size of the quotas is determined by the Secretary of Agriculture under authority granted by Congress.

<sup>2</sup> Excludes 1,188,000 tons of nonquota purchase sugar entered under Sec. 408(b) of Sugar Act.

<sup>3</sup> Compiled by Sugar Division, Commodity Stabilization Service.

<sup>4</sup> Includes raws for processing held by importers other than refiners.

<sup>5</sup> Includes Hawaii.

<sup>6</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

Source: Department of Agriculture, Agricultural Marketing Service; annual reports, *Agricultural Statistics* and *The Sugar Situation*.

## No. 925. SUGAR BEETS—ACREAGE, PRODUCTION, PRICES, AND VALUE, 1931 TO 1960, AND BY STATES, 1958 TO 1960

[Excludes Alaska and Hawaii. Totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)	YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)	
<b>Total:</b>												
1931-1935	799	10.9	8,686	5.42	47,119	Michigan:	1958	71	15.6	1,112	11.10	12,343
1936-1940	857	12.2	10,452	5.13	53,509	1959	74	17.5	1,299	8.70	11,301	
1941-1945	705	12.5	8,782	8.26	72,559	1960 (prel.)	68	13.9	944	(2)	(2)	
1946-1950	797	14.1	11,244	11.15	125,395	Minnesota:	1958	73	12.1	883	11.60	10,243
1951-1955	743	15.9	11,809	11.46	134,713	1959	71	12.4	880	10.90	8,800	
1951	691	10.5	10,482	11.20	122,483	1960 (prel.)	81	12.6	1,017	(2)	(2)	
1952	665	15.3	10,168	12.00	121,970	Montana:	1958	56	15.0	839	12.20	10,236
1953	745	16.2	12,084	11.60	140,364	1959	53	15.7	827	11.90	9,841	
1954	876	16.1	14,082	10.80	152,273	1960 (prel.)	61	13.9	842	(2)	(2)	
1955	740	16.5	12,228	11.20	136,477	Nebraska:	1958	61	14.8	902	12.40	11,185
1956	785	16.6	13,010	11.90	155,281	1959	64	17.3	1,107	12.20	13,505	
1957	880	17.7	15,530	11.20	174,261	1960 (prel.)	69	17.8	1,223	(2)	(2)	
1958	889	17.1	15,183	11.70	178,190	North Dakota:	1958	38	12.3	464	11.90	5,522
1959	905	18.8	17,015	11.20	191,186	1959	34	12.6	425	10.20	4,335	
1960 (prel.)	960	17.2	16,472	11.70	192,722	1960 (prel.)	42	13.3	564	(2)	(2)	
California:						Washington:	1958	34	23.6	813	11.60	9,431
1958	188	19.3	3,628	11.60	42,085	1959	34	22.4	763	11.70	8,927	
1959	208	28.7	4,928	11.50	56,672	1960 (prel.)	38	21.5	808	(2)	(2)	
1960 (prel.)	208	20.0	4,160	(2)	(2)	Wyoming:	1958	38	15.9	596	12.10	7,212
Colorado:						1959	38	16.2	616	11.80	7,260	
1958	142	16.7	2,372	12.30	29,176	1960 (prel.)	42	15.3	635	(2)	(2)	
1959	143	17.0	2,437	11.90	29,000							
1960 (prel.)	155	17.8	2,761	(2)	(2)							
Idaho:												
1958	87	21.9	1,902	11.60	22,063							
1959	88	21.5	1,886	11.70	22,066							
1960 (prel.)	95	18.7	1,776	(2)	(2)							

<sup>1</sup> Season average price received by farmers. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included.

<sup>2</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

## No. 926. SUGARCANE, CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1930 TO 1960

[Tons are of 2,000 pounds. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 295-297]

YEAR	SUGARCANE FOR SUGAR AND SEED				SUGAR PRODUCED			MOLASSES MADE		
	Acreage harvested	Yield per acre <sup>1</sup>	Production	Price per ton <sup>2</sup>	Farm value	Raw value <sup>3</sup>	Equivalent refined <sup>4</sup>	Sugar per ton of cane, raw value <sup>3</sup>	Total <sup>5</sup>	Blackstrap <sup>6</sup>
1930	1,000 acres	Tons	1,000 tons	Dollars	\$1,000	1,000 tons	1,000 Pounds	1,000 gallons	1,000 gallons	
1930	203.5	15.5	3,153	3.31	10,430	215	201	148	19,089	14,234
1935	275.4	18.4	5,064	3.15	15,940	382	357	164	30,788	24,790
1940	271.9	15.9	4,313	2.86	12,355	332	311	172	24,970	22,171
1945	285.4	23.5	6,707	5.67	38,016	475	443	152	49,055	34,773
1950	333.5	20.8	6,944	7.80	54,153	564	527	174	49,206	44,867
1953	344.0	22.1	7,619	7.24	55,197	630	580	175	52,033	49,075
1954	305.3	24.0	7,339	6.94	50,985	610	570	177	48,907	46,177
1955	283.9	25.5	7,248	6.50	47,108	574	536	168	52,629	49,436
1956	253.2	25.6	6,483	8.03	52,052	561	525	187	43,061	40,677
1957	276.6	24.4	6,750	6.90	46,572	532	497	168	45,086	42,533
1958	274.8	24.3	6,681	7.48	49,801	579	541	187	43,384	40,300
1959	319.1	22.9	7,318	7.18	52,084	616	576	180	45,540	42,826
1960 (prel.)	330.2	22.3	7,357	7.33	53,832	619	579	180	45,988	(2)

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. Sugar season usually ends by December or early January in Louisiana and in Florida by March following season of growth.

<sup>2</sup> Season average price received by farmers. Prices exclude Government payments under the Sugar Act. Price support payments for 1945 included.

<sup>3</sup> Raw value equals 96% raw sugar as defined in Sugar Act of 1948.

<sup>4</sup> Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Sirup production excluded. See table 927.

<sup>6</sup> Converted to 80° Brix beginning with 1935. Data for previous years as reported. <sup>7</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual reports, *Agricultural Statistics and The Sugar Situation*.

# Sirup—Cold Storage Holdings

673

No. 927. SUGARCANE SIRUP—PRODUCTION, 1945 TO 1960, AND BY STATES, 1960  
[Excludes Alaska and Hawaii. Excludes sorghum, sometimes confused with sugarcane. See table 926 for molasses, a byproduct of sugar refineries not included in this table]

YEAR	Cane harvested for sirup	Syrup produced	YEAR AND STATE		Cane harvested for sirup	Syrup produced
			Acres	1,000 gallons		
1945	131,000	28,251	1958		14,000	3,670
1950	46,000	8,775	1959		13,000	3,635
1953	22,000	4,805	1960		13,000	3,525
1954	24,000	4,730	Georgia		3,000	585
1955	19,000	4,910	Alabama		3,000	345
1956	18,000	3,895	Mississippi		3,000	495
1957	15,000	3,225	Louisiana		4,000	2,100

Source: Department of Agriculture, Agricultural Marketing Service; annual summary, *Crop Production*.

No. 928. MAPLE SIRUP AND SUGAR—PRODUCTION, 1945 TO 1960, AND BY STATES, 1960  
[Excludes production on nonfarm lands in Somerset County, Maine]

YEAR	Trees tapped	Sugar made	Syrup made	Total product in terms of sugar <sup>1</sup>	YEAR AND STATE		Trees tapped	Syrup made	Total product in terms of sugar <sup>1</sup>
					Acres	1,000 gallons			
1945	1,000	1,000	1,000	1,000	8,442	8,442	1960—Continued	1,000	1,000
1945	7,685	202	1,030	8,442	Massachusetts	111	39	312	pounds
1950	8,090	246	2,006	16,294	Michigan	261	50	400	
1953	6,335	95	1,208	9,759	New Hampshire	181	50	400	
1954	6,391	132	1,056	13,380	New York	1,356	334	2,672	
1955	6,300	121	1,594	12,873	Ohio	264	69	552	
1956	5,979	101	1,571	12,573	Pennsylvania	227	47	376	
1957	5,752	(2)	1,633	14,664	Vermont	2,033	560	4,480	
1958	5,075	(2)	1,516	12,128	Wisconsin	385	78	624	
1959	5,075	(3)	1,191	9,528	All other	136	27	216	
1960	4,954	(2)	1,254	10,032					

<sup>1</sup> 1 gallon of sirup taken as equivalent to 8 pounds of sugar.

<sup>2</sup> Beginning 1957, not reported separately.

<sup>3</sup> Comprises Maine, Maryland, and Minnesota.

Source: Department of Agriculture, Agricultural Marketing Service; annual summary, *Crop Production*.

No. 929. COLD-STORAGE MONTHLY HOLDINGS—ANIMAL PRODUCTS, FISH, FRUITS, AND VEGETABLES: 1950, 1955, AND 1960

[In millions of pounds, except shell eggs in thousands of 30-dozen cases, and orange juice, in millions of gallons. Excludes Alaska and Hawaii, except as noted. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure. For 1960, meat figures exclude sausage and edible offal; not comparable with earlier years]

COMMODITY	1950				1955				1960			
	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.	Jan.	Apr.	July	Oct.
All meats	725	778	633	410	800	835	614	405	544	594	591	403
Beef, including veal	137	110	67	89	208	155	117	121	212	174	153	171
Pork	474	549	469	241	449	544	376	179	264	338	351	158
Lamb and mutton	14	11	7	6	10	9	9	9	15	.11	12	13
Frozen fish <sup>1</sup>	147	87	117	158	194	127	140	192	209	134	193	223
Frozen poultry <sup>2</sup>	293	212	122	140	270	162	98	162	317	220	150	293
Frozen turkeys <sup>3</sup>	127	113	64	43	121	93	52	77	149	105	67	186
Shell eggs	110	1,296	3,067	1,558	193	479	2,292	1,140	188	181	1,110	483
Frozen eggs <sup>3</sup>	54	117	188	133	75	84	194	155	79	81	157	140
Cheese	189	158	254	327	549	493	581	592	304	262	345	346
Creamery butter	114	93	185	234	379	311	335	295	31	65	163	136
Cream (fluid and plastic)	12	5	18	16	6	4	32	21	7	9	30	19
All frozen fruits	259	178	217	338	378	268	251	470	465	322	317	522
Strawberries	47	18	106	116	110	59	106	169	166	104	174	204
Cherries	47	30	14	75	55	36	18	84	57	29	10	78
All frozen vegetables	371	270	236	431	649	457	419	673	844	614	564	942
Lima beans	63	44	30	72	107	74	46	103	89	52	25	115
Peas	91	54	57	145	123	63	78	188	204	116	125	267
Frozen orange juice	2	5	11	9	14	27	37	22	22	31	45	26

<sup>1</sup> Includes Alaska. <sup>2</sup> Includes frozen turkeys.

<sup>3</sup> Frozen eggs may be converted to cases on basis of 38.5 pounds to a case in 1950 and 1955, and 39.5 pounds to a case in 1960.

Source: Frozen fish, Department of the Interior, Fish and Wildlife Service; annual bulletin, *Frozen Fish Summary*. Other figures, Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*; also published in monthly mimeographed reports.

No. 930. SELECTED ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1958 TO 1960

[In millions of pounds. Excludes Alaska and Hawaii. Beginning January 1959, significant changes were made in the monthly fats and oils surveys which affected comparability in the fats and oils series. Insofar as possible, 1958 figures were revised to conform to the new series. For complete discussion of these changes, see *Current Industrial Reports*, Series M20K(59)-13. Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butchers and small renderers, and quantities consumed and held in homes, or by hotels, restaurants, bakeries and small renderers, and quantities consumed and held by packers, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers.]

PRODUCT	1958			1959			1960 (prel.)				
	Production	Consumption <sup>1</sup>		Stocks, Dec. 31	Production	Consumption <sup>1</sup>		Stocks, Dec. 31	Production		
		In re-refining	In products			In re-refining	In products				
<b>VEGETABLE OILS</b>											
Cottonseed, crude	1,435	1,328	-----	172	1,687	1,368	-----	201	1,816	1,577	172
Cottonseed, refined <sup>2</sup>	1,218	-----	1,079	215	1,275	1,095	-----	253	1,462	1,226	254
Peanut, crude	63	71	-----	9	98	86	-----	6	81	76	9
Peanut, refined <sup>2</sup>	66	-----	43	7	82	61	-----	5	71	51	5
Corn, crude	296	290	-----	25	321	331	-----	14	330	336	19
Corn, refined <sup>2</sup>	267	-----	248	6	308	305	-----	13	308	314	15
Soybean, crude	3,943	3,606	-----	173	4,344	3,557	-----	316	4,392	3,521	309
Soybean, refined <sup>2</sup>	3,467	-----	3,306	151	3,423	3,300	-----	191	3,381	3,309	160
Coconut, crude	412	460	-----	8 50	447	412	-----	8 49	495	429	4 320
Coconut, refined <sup>2</sup>	435	-----	(8)	13	385	600	-----	12	359	593	19
Tall, crude	701	(6)	-----	106	794	(8)	-----	132	789	(8)	74
Tall, refined <sup>2</sup>	135	-----	(8)	16	138	702	-----	15	138	807	14
Linseed, raw and boiled	457	225	-----	(5)	487	200	-----	105	368	180	62
Linseed, all other	(7)	-----	(8)	(8)	(7)	384	45	(7)	-----	385	35
Chinawood or tung	31	-----	38	48	41	41	39	30	-----	39	31
Castor <sup>2</sup>	(9)	-----	(8)	3 29	(6)	123	8 35	(8)	-----	121	3 25
Palm	-----	-----	(8)	8 12	-----	42	8 10	-----	-----	53	8 27
Palm kernel, crude	(6)	-----	(8)	2	50	50	7	60	-----	60	16
Palm kernel, refined <sup>2</sup>	43	-----	(8)	1	45	56	2	53	-----	68	3
<b>ANIMAL FATS AND FISH OILS</b>											
Lard <sup>3</sup>	2,253	-----	414	95	2,609	549	124	2,416	-----	559	94
Tallow, edible <sup>4</sup>	316	-----	295	33	322	284	23	332	-----	295	26
Tallow and grease, inedible <sup>4</sup>	2,851	-----	1,805	296	3,183	1,775	325	3,025	-----	1,832	305
Fish oils <sup>5</sup>	128	-----	(8)	68	187	59	66	198	-----	62	52
<b>SECONDARY PRODUCTS</b>											
Baking or frying fats	2,006	-----	(7)	127	2,252	(7)	115	2,313	-----	(7)	120
Margarine	1,573	-----	(7)	38	1,611	(7)	34	1,695	-----	(7)	32
Salad or cooking oil	(7)	-----	(7)	56	1,756	(7)	50	1,769	-----	(7)	55
Glycerin, crude (100% basis) <sup>6</sup>	214	227	-----	14	268	270	-----	13	302	280	26
Glycerin (100% basis) refined, all grades <sup>10</sup>	223	-----	195	27	270	(7)	25	290	-----	(7)	30
Fatty acids	575	-----	(7)	67	681	(7)	78	708	-----	(7)	97

<sup>1</sup> Includes hydrogenated fats and other fats and oils "in process;" includes crude oils used directly in products.

<sup>2</sup> Production of refined oils includes once-refined only (alkali or caustic washed); stocks include hydrogenated oils and other "in process" oils. Figures on production of crude peanut oil collected by Department of Agriculture.

<sup>3</sup> Data are on a commercial stocks basis and exclude figures for stockpiles of strategic oils.

<sup>4</sup> Includes stocks held by General Services Administration which were declared no longer required for strategic stockpile.

<sup>5</sup> Comparable figures not available.

<sup>6</sup> Withheld to avoid disclosing figures for individual companies.

<sup>7</sup> Not available.

<sup>8</sup> Production is quantity rendered; consumption and stocks included both rendered and refined. Figures on production of lard collected by Department of Agriculture.

<sup>9</sup> Includes data for menhaden, sardine, and fish oils other than cod and cod liver; production figures collected by Fish and Wildlife Service, Department of the Interior.

<sup>10</sup> Includes data for synthetic glycerin.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M20K-13.

# Fats and Oils—Margarine and Shortening

675

No. 931. FATS AND OILS—SUPPLY, DISPOSITION, AND UTILIZATION: 1940 TO 1960  
[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. Includes fat content of butter]

ITEM	1940	1945	1950	1955	1959	1960
SUPPLY						
Total	12,212	12,375	15,554	17,682	19,870	20,763
Production from domestic materials <sup>1</sup>	8,350	9,301	12,056	14,370	17,048	17,352
Imports and production from imported materials	1,651	904	1,320	1,047	1,032	1,074
Stocks, January 1	2,211	2,170	2,178	2,265	2,791	2,337
DISPOSITION						
Exports <sup>1,3</sup>	423	996	2,045	4,121	5,376	5,953
Domestic disappearance	9,298	9,670	411,523	11,579	12,423	12,696
UTILIZATION (DOMESTIC) <sup>4</sup>						
Food uses	6,143	5,732	7,016	7,655	8,169	8,318
Butter (fat content)	1,806	1,316	1,327	1,237	1,159	1,147
Lard (direct)	1,901	1,009	1,906	1,642	1,564	1,401
Shortening	1,186	1,456	1,705	1,988	2,235	2,312
Margarine	257	499	764	1,075	1,293	1,365
Other	982	853	1,314	1,713	1,918	2,093
Nonfood uses	3,121	3,936	4,271	3,939	4,224	4,353
Soap <sup>5</sup>	1,893	2,069	1,857	1,157	867	881
Drying oil products	807	874	1,193	1,125	917	828
Other industrial	421	993	1,220	1,657	2,440	2,644

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

<sup>2</sup> Excludes stocks of coconut, palm, castor, and sperm oils held by the Government for stockpiling of strategic materials.

<sup>3</sup> Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, Virgin Islands, Guam and American Samoa.

<sup>4</sup> Includes Government stockpiling.

<sup>5</sup> Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

<sup>6</sup> Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."

Source: Department of Agriculture, Agricultural Marketing Service, from reports of the Bureau of the Census and Fish and Wildlife Service. Published in annual report, *Agricultural Statistics*.

No. 932. MARGARINE AND SHORTENING—SUPPLY AND DISPOSITION: 1940 TO 1960  
[In millions of pounds, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico except for imports]

ITEM	1940	1945	1950	1955	1959	1960 (prel.)
MARGARINE						
Production	320	614	937	1,334	1,611	1,695
Net supply <sup>1</sup>	320	622	937	1,337	1,649	1,720
Disposition:						
Exports <sup>2</sup>	1	80	3	4	4	4
Shipments to outlying areas of U.S. <sup>3</sup>	(4)	3	4	4	6	6
Domestic disappearance:						
Civilian	318	525	918	1,323	1,603	1,676
Per capita—pounds	2.4	4.1	6.1	8.2	9.2	9.4
Military		14	11	6	2	11
SHORTENING						
Supply <sup>4</sup>	1,247	1,494	1,792	2,005	2,382	2,428
Production	1,190	1,441	1,710	1,975	2,250	2,312
Factory and warehouse stocks Jan. 1	57	53	82	120	132	116
Disposition:						
Exports	4	644	11	39	32	26
Shipments to outlying areas of U.S. <sup>5</sup>	5	8	2	3	4	4
Domestic disappearance:						
Civilian	1,185	1,175	1,656	1,863	2,197	2,230
Per capita—pounds	9.0	9.1	11.0	11.5	12.6	12.6
Military		217	20	47	32	39
Average wholesale price per pound, Chicago <sup>6</sup>	9.1	17.0	25.5	26.9	30.1	26.1

<sup>1</sup> Production adjusted for estimated change in stocks, 1940-45, and for reported changes beginning 1955.

<sup>2</sup> Includes American Red Cross procurement for prisoner-of-war packages, 1945; and estimated quantities exported in food packages through CARE and other nongovernmental relief agencies, 1950-60; excludes quantities mailed abroad by individuals.

<sup>3</sup> 1950-60 excludes shipments to Alaska and Hawaii, not reported after March 1948.

<sup>4</sup> Less than 500,000 pounds.

<sup>5</sup> Includes imports, which are negligible.

<sup>6</sup> Includes 31,000,000 pounds shortening content of Army biscuits.

<sup>7</sup> Partly estimated. Shipments to Puerto Rico, Virgin Islands, Guam, and American Samoa.

<sup>8</sup> Based on products containing from 20 to 50 percent animal fat, in 1-pound cartons.

Source: Department of Agriculture, Agricultural Marketing Service, from reports of the Bureau of the Census. Published in annual report, *Agricultural Statistics*.

No. 933. LIVESTOCK—NUMBER, VALUE PER HEAD, PRODUCTION, AND PRICES:  
1930 TO 1961[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 195-212]

YEAR	NUMBER ON FARMS AND VALUE PER HEAD									
	All cattle		Hogs (incl. pigs)		Stock sheep		Horses <sup>1</sup>		Mules <sup>1</sup>	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
<b>CENSUS DATA<sup>2</sup></b>										
1930 (Apr. 1)	54,250	\$58.70	32,794	\$17.20	41,780	\$8.21	13,384	\$67.51	5,354	\$82.60
1940 (Apr. 1)	60,675	42.82	34,037	8.36	40,129	5.99	10,087	75.92	3,845	113.46
1945 (Jan. 1)	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	136.83
1950	76,762	119.02	55,722	19.70	31,387	17.60	5,402	49.50	2,202	95.28
1954 (Oct.-Nov.)	95,027	86.64	57,093	33.13	31,619	14.93	4,141	56.09	—	—
1959 (Oct. 1) <sup>4</sup>	92,437	135.32	67,972	20.30	34,011	16.39	2,953	108.48	—	—
<b>ANNUAL DATA (JAN. 1)</b>										
1940	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1945	55,573	66.90	59,373	20.60	39,609	8.45	8,715	64.90	3,235	124.00
1946	82,235	76.20	61,306	24.00	35,525	9.57	8,081	57.50	3,027	133.00
1947	80,554	97.50	56,810	36.00	31,805	12.20	7,340	59.30	2,789	141.00
1948	77,171	117.00	54,590	42.90	29,486	15.00	6,704	55.70	2,575	133.00
1949	76,830	135.00	56,257	38.30	26,940	17.00	6,096	52.50	2,402	116.00
1950	77,963	124.00	58,987	27.10	26,182	17.80	7,781	61.30	—	—
1951	82,083	160.00	62,269	33.30	27,251	26.50	7,036	54.60	—	—
1952	88,072	179.00	62,117	29.90	27,944	28.00	6,150	53.90	—	—
1953	94,241	128.00	51,755	26.10	27,593	15.70	5,403	53.00	—	—
1954	95,679	92.00	45,114	36.60	27,079	13.80	4,791	52.90	—	—
1955	96,592	88.20	50,474	30.60	27,137	14.90	4,309	56.20	—	—
1956	95,900	88.10	55,354	17.70	26,890	14.30	3,958	62.60	—	—
1957	92,860	91.60	51,897	24.70	26,348	14.90	3,632	71.80	—	—
1958	91,176	120.00	51,517	30.20	27,167	19.40	3,415	84.40	—	—
1959	93,322	153.00	58,045	32.00	28,108	20.30	3,189	102.00	—	—
1960	96,236	137.00	59,026	18.50	28,849	16.50	3,089	113.00	—	—
1961 (prel.)	97,139	134.00	55,305	27.00	28,677	14.60	(5)	(5)	—	—
<b>LIVE WEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS, PER 100 POUNDS</b>										
YEAR	All cattle			Hogs		Sheep				
	Production <sup>5</sup> (1,000 lbs.)	Price, beef cattle	Price, veal calves	Production <sup>5</sup> (1,000 lbs.)	Price	Production <sup>6</sup> (1,000 lbs.)	Price, sheep	Price, lamb	Price, sheep	
1940	15,702,110	\$7.56	\$8.83	17,043,404	\$5.39	2,100,928	\$3.95	\$8.10		
1945	19,517,065	12.10	13.00	18,843,444	14.00	1,911,980	6.38	13.10		
1946	18,998,709	14.50	15.20	18,744,289	17.50	1,761,938	7.48	15.60		
1947	19,129,845	18.40	20.40	18,150,250	24.10	1,566,857	8.39	20.60		
1948	18,401,950	22.20	24.40	18,222,058	23.10	1,383,456	9.69	22.80		
1949	19,274,489	19.80	22.60	19,457,476	18.10	1,277,713	9.27	22.40		
1950	21,185,248	23.30	26.30	20,213,732	18.00	1,335,720	11.00	25.10		
1951	22,990,053	28.70	31.90	21,436,178	20.00	1,371,614	16.00	31.00		
1952	24,932,026	24.30	25.80	19,726,620	17.80	1,470,752	10.00	24.30		
1953	27,405,041	16.30	16.70	16,800,404	21.40	1,538,438	6.67	19.30		
1954	27,580,320	16.00	16.50	18,218,278	21.60	1,607,312	6.14	19.10		
1955	28,099,491	15.60	16.80	20,153,606	15.00	1,618,013	5.78	18.40		
1956	27,530,810	14.90	16.10	19,089,436	14.40	1,568,821	5.60	18.50		
1957	26,554,576	17.20	18.70	18,413,031	17.80	1,533,525	6.05	19.90		
1958	26,764,386	21.00	25.30	19,179,682	19.60	1,657,480	7.20	21.00		
1959	28,279,740	22.60	26.70	21,272,858	14.10	1,712,664	6.00	18.70		
1960	28,705,600	20.40	22.90	18,988,866	15.30	1,659,660	5.62	17.90		

<sup>1</sup> Jan. 1 estimates include colts. Mules included with horses, Census figures, 1954 and 1959, and USDA figures, beginning 1950.

<sup>2</sup> Census figures for 1945, 1950, 1954, and 1959, animals of all ages; 1930, animals 3 months and over except sheep (6 months and over); 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

<sup>3</sup> Not available for Florida, Georgia, and South Carolina.

<sup>4</sup> Preliminary. Includes Alaska and Hawaii.

<sup>5</sup> Not available.

<sup>6</sup> Includes adjustment for livestock shipped in and inventory changes.

Source: Census data—Department of Commerce, Bureau of the Census; 1959 *Census of Agriculture*, preliminary reports, and records. All other data—Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual livestock summaries.

# Livestock

677

## No. 934. LIVESTOCK ON FARMS—NUMBER, BY KIND, BY STATES: 1959 AND 1961

[In thousands. 1959 Census data are preliminary]

STATE	Horses and mules 1959 (Oct.)	ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS		
		1959 (Oct.)	1961 (Jan. 1)	1959 (Oct.)	1961 (Jan. 1) <sup>1</sup>	1959 (Oct.)	1961 (Jan. 1)	1959 (Oct.)	1961 (Jan. 1)	
United States		2,953	92,437	97,146	16,521	29,939	34,011	32,947	67,972	55,306
The North	934	46,950	49,134	10,703	19,233	11,886	11,016	52,697	42,811	
The South	1,460	28,448	30,873	3,989	7,420	8,179	8,127	13,613	11,151	
The West	559	17,030	17,189	1,739	3,280	13,946	13,804	1,662	1,344	
New England	31	986	1,056	571	979	81	76	191	191	
Maine	8	186	200	89	171	41	36	25	21	
New Hampshire	4	91	99	48	91	8	8	14	13	
Vermont	9	406	431	248	414	12	11	14	11	
Massachusetts	5	143	153	89	142	11	12	108	117	
Rhode Island	1	20	20	14	19	2	2	9	10	
Connecticut	4	140	153	83	142	7	7	21	19	
Middle Atlantic	112	4,019	4,301	2,120	3,721	464	417	966	795	
New York	47	2,023	2,152	1,173	2,014	189	160	166	110	
New Jersey	7	186	198	120	184	15	17	179	160	
Pennsylvania	58	1,810	1,951	827	1,523	260	240	621	525	
East North Central	296	13,674	14,273	4,301	7,783	3,342	2,969	20,131	17,042	
Ohio	74	2,200	2,272	641	1,157	1,234	1,060	2,653		
Indiana	53	1,974	2,103	411	722	557	522	5,357	4,801	
Illinois	74	3,790	3,001	542	1,004	813	717	8,285	7,096	
Michigan	36	1,610	1,701	612	1,127	459	388	968	725	
Wisconsin	59	4,100	4,296	2,095	3,773	279	271	2,461	1,767	
West North Central	495	28,280	29,504	3,801	6,750	7,999	7,554	31,409	24,783	
Minnesota	58	3,598	4,054	1,216	2,270	1,107	1,051	4,707	3,378	
Iowa	81	6,480	6,460	831	1,424	1,792	1,640	14,789	12,433	
Missouri	102	3,833	4,099	613	1,095	825	742	4,777	3,893	
North Dakota	57	1,841	1,916	264	425	809	732	508	448	
South Dakota	61	3,222	3,327	242	413	1,935	1,795	2,042	1,262	
Nebraska	68	4,082	5,175	319	528	756	795	3,245	2,427	
Kansas	68	4,324	4,473	316	586	775	799	1,341	1,142	
South Atlantic	451	6,543	6,983	1,370	2,566	774	712	5,780	4,694	
Delaware	3	50	53	24	43	4	5	38	35	
Maryland	15	476	508	198	351	38	35	217	182	
Virginia	84	1,316	1,408	308	590	343	306	786	668	
West Virginia	38	515	540	121	207	290	272	148	95	
North Carolina	145	834	898	243	480	53	54	1,660	1,292	
South Carolina	68	497	542	100	186	11	11	673	463	
Georgia	71	1,353	1,438	106	365	28	21	1,835	1,566	
Florida	27	1,502	1,596	180	344	7	8	423	393	
East South Central	518	7,222	7,792	1,465	2,686	916	796	5,297	4,345	
Kentucky	145	1,947	2,115	406	839	546	492	1,653	1,400	
Tennessee	139	1,743	1,914	456	781	261	211	1,610	1,337	
Alabama	93	1,526	1,656	208	422	36	31	1,222	972	
Mississippi	141	2,006	2,107	335	644	73	62	812	636	
West South Central	491	14,683	16,098	1,164	2,168	6,489	6,619	2,536	2,112	
Arkansas	77	1,280	1,388	204	351	47	50	499	416	
Louisiana	87	1,656	1,818	205	422	95	102	353	279	
Oklahoma	90	3,239	3,513	238	430	276	308	524	380	
Texas	237	8,508	9,379	507	956	6,071	6,159	1,160	1,037	
Mountain	393	10,626	10,320	599	1,151	10,554	10,456	826	679	
Montana	86	2,483	2,133	73	125	1,816	1,750	189	151	
Idaho	50	1,380	1,401	194	392	1,242	1,150	174	147	
Wyoming	49	1,253	1,116	29	50	2,373	2,299	45	29	
Colorado	65	2,197	2,240	118	226	2,055	1,974	243	193	
New Mexico	43	1,081	1,174	39	68	992	1,181	62	54	
Arizona	51	1,003	1,014	44	84	473	496	29	29	
Utah	30	698	726	88	173	1,201	1,275	74	66	
Nevada	19	531	510	14	33	312	331	10	10	
Pacific	166	6,404	6,819	1,140	2,135	3,392	3,348	836	665	
Washington	38	1,152	1,174	218	423	334	330	159	140	
Oregon	44	1,354	1,435	152	294	887	942	198	184	
California	77	3,683	4,203	754	1,415	2,144	2,052	379	340	
Alaska	6	0	7	2	3	15	15	1	1	
Hawaii	7	209	(2)	14	(2)	12	(2)	99	(2)	

<sup>1</sup> Represents cows and heifers 2 years old and over kept for milk.

<sup>2</sup> Not available.

Source: 1959 data, Department of Commerce, Bureau of the Census; 1959 *Census of Agriculture*, preliminary reports, and records. 1961 data, Department of Agriculture, Agricultural Marketing Service; annual livestock summaries.

No. 935. LIVESTOCK—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS:  
1950 TO 1960

[In thousands. Excludes Alaska and Hawaii. Total for all stockyards reporting covers about 60 stockyards]

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCKYARDS									All other stock- yards report- ing	
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	South St. Joseph	St. Louis Na- tional Stock Yards	Sioux City		
<b>CATTLE</b>												
Receipts:												
1950	17,917	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,817
1955	22,507	12,570	2,317	1,032	818	1,594	2,316	799	1,079	1,336	1,229	9,937
1957	21,085	11,860	2,548	868	611	1,388	1,998	726	1,004	1,408	1,219	9,226
1958	19,306	11,469	2,427	862	425	1,389	2,057	747	838	1,601	1,123	7,837
1959	19,060	11,738	2,384	836	450	1,550	2,130	814	795	1,667	1,153	7,322
1960	19,011	11,819	2,207	862	620	1,557	2,090	869	861	1,564	1,180	7,192
Shipments:												
1950	8,357	4,304	630	478	245	764	674	176	217	796	323	4,053
1955	(1)	5,199	1,069	346	356	854	887	239	227	920	301	(1)
1957	(1)	4,607	1,296	235	219	732	662	198	184	749	332	(1)
1958	(1)	5,453	1,325	258	249	826	760	200	547	934	350	(1)
1959	(1)	5,902	1,470	282	248	927	780	222	624	950	399	(1)
1960	(1)	5,788	1,483	281	396	861	669	219	675	815	399	(1)
<b>CALVES</b>												
Receipts:												
1950	5,225	1,850	115	107	276	213	107	58	379	105	491	3,375
1955	5,036	1,871	125	112	223	259	120	75	302	118	537	3,165
1957	4,482	1,724	85	100	187	295	93	51	259	134	520	2,758
1958	3,633	1,328	42	79	167	210	87	39	149	153	402	2,305
1959	3,264	1,241	30	84	161	181	91	39	133	154	368	2,023
1960	3,135	1,180	20	88	146	168	79	36	125	130	388	1,955
Shipments:												
1950	2,389	838	12	84	211	112	39	24	95	87	174	1,551
1955	(1)	716	12	69	121	149	52	20	77	68	148	(1)
1957	(1)	888	10	81	127	188	33	22	55	132	190	(1)
1958	(1)	855	18	74	154	175	28	22	62	153	169	(1)
1959	(1)	828	16	80	148	138	33	25	62	154	172	(1)
1960	(1)	750	7	85	133	123	29	17	53	130	173	(1)
<b>SHEEP AND LAMBS</b>												
Receipts:												
1950	15,435	7,996	654	1,880	1,055	1,042	809	678	676	494	624	7,430
1955	15,332	7,621	643	1,481	1,371	781	952	614	632	561	829	7,701
1957	12,710	6,589	496	1,470	920	698	818	515	477	443	612	5,121
1958	11,737	6,246	436	1,453	943	717	794	449	336	442	676	5,491
1959	12,979	7,412	501	1,766	1,075	742	926	633	354	606	809	5,507
1960	12,528	7,465	370	1,828	1,160	780	887	601	325	569	945	5,063
Shipments:												
1950	8,859	4,133	230	1,367	582	573	359	208	233	260	320	4,728
1955	(1)	3,176	226	775	592	532	201	118	237	363	335	(1)
1957	(1)	2,537	152	576	203	506	304	119	139	308	266	(1)
1958	(1)	2,722	200	524	260	543	292	137	197	303	266	(1)
1959	(1)	3,281	230	672	306	574	357	140	246	373	334	(1)
1960	(1)	3,090	150	732	304	615	347	109	188	346	299	(1)
<b>HOGS</b>												
Receipts:												
1950	35,325	18,479	3,670	1,092	687	758	2,734	1,610	3,109	2,044	2,775	16,846
1955	34,204	18,552	3,291	602	652	592	3,376	1,732	2,936	2,078	3,322	15,622
1957	31,924	16,697	2,603	542	567	785	2,016	1,530	3,350	1,619	2,758	15,227
1958	30,265	16,347	2,578	493	226	741	2,931	1,500	2,979	2,097	2,802	13,918
1959	34,751	19,273	2,508	520	431	906	3,618	1,915	3,404	2,570	3,401	15,478
1960	30,929	17,034	1,848	609	332	941	3,114	1,802	3,101	2,188	3,099	13,895
Shipments:												
1950	11,459	4,225	499	465	59	291	553	205	833	735	584	7,234
1955	(1)	4,123	758	43	10	115	656	284	622	1,014	591	(1)
1957	(1)	3,610	615	30	20	153	546	342	483	850	571	(1)
1958	(1)	4,447	755	61	16	116	639	346	1,102	765	597	(1)
1959	(1)	5,406	910	51	18	170	806	400	1,449	734	868	(1)
1960	(1)	4,926	818	26	47	280	645	438	1,425	594	653	(1)

<sup>1</sup> Not available.

# Livestock

679

## No. 936. LIVESTOCK—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1941 TO 1960

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Excludes Alaska and Hawaii. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics, Colonial Times to 1957*, series K 206, 207, 209, 212, 216, 219, 222, and 225.]

PERIOD	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES <sup>2</sup>		SHEEP		LAMBS		HOGS	
		Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago
1941-1945-----	98.68	10.86	14.41	12.26	14.36	5.96	6.45	11.98	13.89	12.58	13.14
1946-1950-----	170.20	19.64	26.20	21.78	25.92	9.29	9.55	21.28	23.83	20.18	20.46
1951-1955-----	192.00	20.18	27.71	21.52	28.90	8.92	8.76	22.42	25.21	19.16	19.17
1950-----	198.00	23.30	29.35	26.30	31.08	11.60	12.19	25.10	27.54	18.00	18.20
1955-----	146.00	15.60	22.59	16.80	24.80	5.78	5.18	18.40	20.95	15.00	14.80
1956-----	153.00	14.90	22.00	16.10	23.62	5.60	5.12	18.50	21.12	14.40	14.35
1957-----	166.00	17.20	23.48	18.70	25.93	6.05	6.55	19.90	22.37	17.80	17.89
1958-----	210.00	21.90	27.09	25.30	32.20	7.20	7.23	21.00	22.58	19.60	19.80
1959-----	233.00	22.60	27.53	26.70	31.91	6.00	5.56	18.70	20.93	14.10	14.12
1960-----	223.00	20.40	25.93	22.90	28.07	5.62	5.56	17.90	19.26	15.30	15.50

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding western.

<sup>2</sup> Chicago prices are for Choice grade, except year 1959 which is Good grade.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 937. ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1954 AND 1959

[1959 includes Alaska and Hawaii]

ITEM	1954						1959 (prel.)					
	Cattle and calves			Hogs and pigs	Sheep and lambs	Horses and mules	Cattle and calves			Hogs and pigs	Sheep and lambs	
	Total	Cattle	Calves				Total	Cattle	Calves			
Farms reporting 1,000-----	2,611	1,825	2,051	1,424	280	115	2,301	1,528	1,697	1,272	292	
Number...do.....	44,351	24,223	20,128	57,419	22,236	252	50,926	29,205	21,721	80,911	25,535	
Value...mil. doll.-----	4,283	3,817	966	2,270	323	25	(2)	(2)	(2)	(2)	(2)	

<sup>1</sup> Not available for Florida, Georgia, and South Carolina.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *1959 Census of Agriculture*, preliminary reports, and records.

## No. 938. SPECIFIED LIVESTOCK PRODUCTS—QUANTITY AND VALUE, BY KIND: 1954 AND 1959

[1959 includes Alaska and Hawaii]

PRODUCT	FARMS REPORTING		QUANTITY (1,000 units)			VALUE (\$1,000)	
	1954	1959 (prel.)	Unit	1954	1959 (prel.)	1954	1959 (prel.)
Any dairy products sold-----	1,474,699	1,016,871	LB-----	81,831,947	97,570,909	3,334,066	4,021,406
Whole milk sold-----	934,143	829,531	LB-----	489,926	253,812	3,073,527	3,870,377
Cream sold (butterfat content)-----	540,556	262,367	LB-----	210,613	230,702	260,539	151,029
Wool shorn-----	1,315,489	316,906	LB-----			113,386	95,464
Chicken eggs sold-----	1,684,531	1,065,600	Doz-----	2,654,202	3,337,872	916,737	1,064,298
Chickens sold-----	1,030,287	801,800	No.-----	968,688	1,631,432	698,014	854,906
Turkeys raised-----	169,807	86,715	No.-----	62,756	82,985	(2)	(2)

<sup>1</sup> Not available for Florida, Georgia, and South Carolina.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *1959 Census of Agriculture*, preliminary reports, and records.

## No. 939. MEATS AND LARD—SLAUGHTERING, PRODUCTION, FOREIGN TRADE, AND CONSUMPTION, BY KIND: 1945 TO 1960

[All quantities, except per capita, represent carcass weight equivalent. Excludes Alaska, Hawaii, and Puerto Rico except for exports and imports. Excludes edible byproducts. Production of pork comprises weight of dressed hog carcass less head bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Excludes USDA exports and shipments for Lend-Lease, UNRRA and other claimants, and shipments for military civilian feeding and voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings, and of deliveries to USDA. See also *Historical Statistics, Colonial Times to 1957*, series K 214-215, K 217-218, K 220-221, and K 223-224, for animals slaughtered and production, and G 552-555, for civilian per capita consumption.]

ITEM AND YEAR	ANIMALS SLAUGHTERED		PRODUCTION		Exports of U.S. production	Imports for consumption	CIVILIAN CONSUMPTION	
	Total <sup>1</sup>	Under Federal inspection	Total	Federally inspected			Total	Per capita
All meats (excluding lard):	1,000 head	1,000 head	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pounds
1945	131,866	93,167	23,691	15,359	.75	130	18,742	145.2
1950	121,622	87,656	22,075	16,040	135	384	21,721	144.6
1955	137,062	102,307	26,896	20,127	189	406	26,431	162.8
1957	133,767	100,694	26,924	20,239	267	543	26,794	159.1
1958	125,934	95,173	25,747	19,475	169	1,126	26,052	152.0
1959	135,862	104,508	27,472	21,114	198	1,306	27,925	160.1
1960 (prel.)	136,243	104,842	28,260	21,881	194	1,010	28,646	161.7
Beef:								
1945	21,691	14,531	10,276	7,236	34	127	7,665	59.4
1950	18,614	13,103	9,534	7,051	21	338	9,520	63.4
1955	26,587	19,055	13,569	10,195	59	229	13,313	82.0
1957	27,089	19,454	14,211	10,704	112	390	14,251	84.6
1958	24,396	17,642	13,342	10,106	47	896	13,798	80.5
1959	23,786	17,459	13,608	10,462	51	1,047	14,230	81.6
1960 (prel.)	25,998	19,394	14,700	11,442	55	760	15,094	85.0
Veal:								
1945	13,645	7,020	1,664	823	3	1	1,536	11.9
1950	10,501	5,850	1,230	667	2	10	1,206	8.0
1955	12,884	7,499	1,578	903	3	(?)	1,531	9.4
1957	12,362	7,324	1,528	875	0	5	1,483	8.8
1958	9,752	5,672	1,189	667	2	13	1,153	6.7
1959	8,111	4,875	1,016	875	2	16	998	5.7
1960 (prel.)	8,684	5,259	1,100	623	2	15	1,084	6.1
Lamb and mutton:								
1945	24,639	21,218	1,054	913	4	(?)	943	7.3
1950	13,244	11,739	597	534	2	3	506	4.0
1955	16,553	14,383	758	663	1	2	753	4.6
1957	15,292	13,234	707	617	4	4	709	4.2
1958	14,497	12,397	688	592	2	24	702	4.1
1959	15,534	13,466	738	645	2	57	783	4.5
1960 (prel.)	16,206	14,036	760	667	2	50	807	4.6
Pork (excluding lard):								
1945	71,891	50,398	10,697	6,387	34	2	8,508	66.6
1950	70,263	56,964	10,714	7,788	110	33	10,390	69.2
1955	81,058	61,370	10,991	8,366	126	175	10,834	66.8
1957	79,024	60,682	10,478	8,043	144	144	10,351	61.5
1958	77,339	59,462	10,528	8,110	118	193	10,399	60.7
1959	88,431	68,708	12,110	9,432	143	186	11,914	68.3
1960	85,355	66,153	11,700	9,149	135	185	11,661	66.0
Lard:								
1945			2,066	1,311	559	(?)	1,509	11.6
1950			2,631	2,009	522	(?)	1,891	12.6
1955			2,660	2,140	620	(?)	1,639	10.1
1957			2,560	2,080	563		1,601	9.5
1958			2,441	1,982	455		1,657	9.7
1959			2,803	2,309	673		1,562	9.0
1960			2,601	2,127	656		1,422	8.0

<sup>1</sup> Comprises inspected, noninspected, retail, and farm slaughter.

<sup>2</sup> Less than 500,000 pounds.

No. 940. DAIRYING—COWS KEPT FOR MILK AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1945 TO 1960

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 220-239]

ITEM	1945	1950	1955	1957	1958	1959	1960 (proj.)
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1, number 1,000 head	27,770	23,853	23,462	22,916	21,265	20,132	19,527
Value per head, dollars	99.40	177.00	134.00	147.00	177.00	221.00	210.00
Milk produced on farms during year, million lb.	119,828	116,602	122,945	125,939	123,220	121,989	122,920
Whole milk sold from farms during year, million lb.	74,505	78,140	93,632	100,578	101,793	102,880	105,539
Production of dairy products:							
Butter, total <sup>1</sup> do	1,699	1,048	1,545	1,533	1,486	1,410	1,451
Factory do	1,364	1,386	1,383	1,414	1,390	1,384	1,388
Farm do	336	262	162	119	96	76	63
Cheese, factory <sup>2</sup> do	1,117	1,191	1,367	1,407	1,399	1,382	1,475
Evaporated and condensed milk (unskimmed), million lb.	4,126	3,205	2,922	2,872	2,752	2,746	(4)
Milk equivalent of manufactured dairy products <sup>3</sup> , million lb.	61,859	60,330	61,272	61,640	60,733	59,819	61,608
Wholesale prices:							
Wisconsin Cheese Exchange, twins or cheddars, cents per lb.	23.2	30.8	31.6	33.2	32.2	32.0	34.6
Butter, N.Y. (Grade A) do	42.8	62.2	58.2	60.7	59.7	60.6	59.9
Prices received by farmers:							
Milkfat in cream do	50.3	62.0	57.7	60.5	59.3	59.4	59.4
Whole milk:							
Wholesale, per 100 lb. do	3.19	3.89	4.00	4.21	4.15	4.18	4.23
Retail, cents per qt. do	13.4	18.5	20.7	21.3	21.3	21.4	21.7

<sup>1</sup> Comprises sales to plants and dealers, and retail deliveries by farmers direct to consumer.

<sup>2</sup> Includes whey butter. <sup>3</sup> Excludes cottage, pot, bakers', and full skim American-type.

\* Not available. <sup>4</sup> Based on State data net. Includes whole milk equivalent of farm butter.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

No. 941. DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1945 TO 1959

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 230-232]

PRODUCT	1945	1950	1955	1957	1958	1959
Creamery butter (incl. whey butter) 1,000 lb.	1,363,717	1,386,408	1,382,914	1,414,060	1,389,575	1,333,623
American cheese:						
Whole milk do	875,084	892,706	1,004,269	1,021,728	977,973	942,247
Part skim do	1,098	2,319	1,105	4,646	5,649	5,151
Full skim do	2,172	1,774	2,526	3,327	4,927	4,552
Swiss cheese (including block) do	50,065	99,483	116,664	100,048	107,114	111,965
Brie and Munster cheese do	14,756	30,148	44,289	45,252	48,164	48,038
Limburger cheese do	8,777	6,008	4,943	4,371	3,607	3,712
Cream and Neufchâtel cheese do	66,912	68,753	80,174	88,748	94,908	98,803
All Italian varieties of cheese do	64,628	61,704	86,018	111,620	130,557	140,313
All other varieties of cheese do	35,452	30,371	29,431	31,010	31,412	31,330
Condensed milk (sweetened):						
Skimmed do	519,404	210,728	88,392	80,330	69,503	68,806
Unskimmed do	220,322	101,183	75,805	109,871	110,688	110,341
Unsweetened condensed milk (plain):						
Skimmed do	454,443	523,182	647,710	677,707	643,453	706,304
Unskimmed do	128,875	221,724	266,495	314,807	342,580	367,325
Evaporated milk, unskimmed (unsweetened) do	3,776,383	2,882,475	2,579,881	2,447,637	2,298,332	2,267,961
Concentrated skim milk (for animal feed) do	12,250	12,071	3,799	1,228	734	2,304
Condensed or evaporated buttermilk do	160,441	183,470	62,882	26,177	19,374	13,858
Dry buttermilk do	49,578	48,837	58,333	70,358	77,160	81,475
Dry whole milk do	217,276	124,986	113,547	109,924	94,619	99,129
Nonfat dry milk solids <sup>1</sup> do	600,054	898,896	1,385,917	1,645,083	1,730,846	1,743,372
Dry cream do	203	459	782	539	(2)	(2)
Dry whey do	135,920	155,579	190,480	211,722	233,261	247,320
Dry casein (skim milk or buttermilk product) do	12,333	18,531	3,147	34,606	32,768	20,599
Malted milk powder do	42,751	30,710	33,536	34,606	32,768	20,599
Ice cream of all kinds <sup>2</sup> 1,000 gal.	477,162	554,351	628,525	650,583	657,175	697,922
Sherbets (excludes water ices) do	65,177	17,018	37,305	36,712	37,068	40,402
Ice milk do	11,722	36,870	90,185	111,165	117,296	134,291
Other frozen dairy products <sup>3</sup> do	6,455	8,230	3,440	3,317	3,929	4,371

<sup>1</sup> Includes dry skim milk for animal feed. <sup>2</sup> Production not shown when less than 3 plants reported.

<sup>3</sup> Includes ice cream made by counter freezers and by other small retailers.

\* For 1950 change in question resulted in reporting of additional products. Beginning in 1955, some of these products were transferred to other classifications.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Production of Manufactured Dairy Products*; also published in annual report, *Agricultural Statistics*.

No. 942. DAIRY PRODUCTS SOLD, BY STATES: 1954 AND 1959

STATE	WHOLE MILK SOLD			CREAM SOLD (butterfat content)		
	Farms reporting, 1959 (prel.)	Quantity		Farms reporting, 1959 (prel.)	Quantity	
		1954	1959 (prel.)		1954	1959 (prel.)
United States	809,047	1,000 lb. 81,831,946	1,000 lb. 97,570,909	262,367	1,000 lb. 1,459,931	1,000 lb. 253,812
The North	555,174	57,879,058	68,180,911	202,079	393,388	224,080
The South	187,639	12,310,466	15,854,147	37,515	36,718	13,420
The West	66,234	11,642,422	13,526,851	22,773	1,20,825	16,312
New England	22,529	3,852,871	4,327,254	816	1,531	671
Maine	4,868	518,665	635,450	429	601	296
New Hampshire	2,508	327,646	380,053	131	227	122
Vermont	8,689	1,505,231	1,748,708	114	207	123
Massachusetts	3,200	713,896	724,469	64	348	71
Rhode Island	462	107,352	114,158	6	7	12
Connecticut	2,802	680,081	724,416	72	81	47
Middle Atlantic	89,873	14,637,222	16,507,782	4,652	6,143	3,211
New York	43,991	8,504,863	9,336,422	1,170	1,884	840
New Jersey	3,147	1,024,572	1,003,613	8	289	204
Pennsylvania	42,735	5,107,787	6,168,747	3,474	3,970	2,088
East North Central	251,910	28,786,642	31,140,184	21,947	47,395	16,599
Ohio	49,942	4,127,731	4,325,976	4,652	6,673	2,144
Indiana	32,417	2,725,930	2,567,130	3,433	7,141	2,100
Illinois	31,204	3,668,185	3,562,800	6,599	10,348	3,529
Michigan	36,943	4,146,968	4,455,914	6,633	18,861	7,420
Wisconsin	101,404	14,117,822	16,228,804	630	4,372	1,301
West North Central	190,862	10,602,323	16,214,691	174,664	338,319	203,599
Minnesota	65,254	4,902,662	7,746,060	21,881	86,248	36,652
Iowa	35,151	1,730,572	3,404,836	42,720	103,885	53,600
Missouri	42,038	2,261,194	2,521,427	12,272	16,135	7,677
North Dakota	1,741	130,940	234,602	25,814	38,874	36,140
South Dakota	25,081	160,725	499,161	20,252	26,860	21,875
Nebraska	5,626	339,641	560,027	34,201	40,665	33,392
Kansas	15,371	1,022,586	1,258,618	17,524	25,652	14,773
South Atlantic	55,157	5,075,117	6,696,717	15,424	9,424	4,413
Delaware	1,179	167,480	177,888	21	7	1
Maryland	6,195	1,247,260	1,412,749	882	780	420
Virginia	16,612	1,090,353	1,519,239	7,684	3,807	2,317
West Virginia	5,920	353,745	395,308	5,094	3,023	1,334
North Carolina	15,092	724,099	956,405	1,062	945	192
South Carolina	3,863	287,149	408,774	320	308	55
Georgia	5,136	563,507	733,031	313	510	60
Florida	1,160	641,524	1,093,323	48	35	25
East South Central	98,307	3,729,585	4,795,338	8,124	8,851	1,865
Kentucky	38,911	1,189,142	1,720,649	5,675	6,112	1,303
Tennessee	36,942	1,347,622	1,595,957	1,593	1,624	360
Alabama	7,388	452,110	536,749	504	636	102
Mississippi	15,066	740,711	940,983	352	479	91
West South Central	34,175	3,505,764	4,362,092	13,967	18,443	7,142
Arkansas	11,452	550,775	614,375	2,027	2,690	564
Louisiana	3,397	469,462	550,520	162	174	20
Oklahoma	9,076	728,017	952,935	7,711	12,838	5,475
Texas	10,250	1,757,510	2,244,262	4,067	2,741	1,077
Mountain	35,821	3,033,674	3,727,260	15,419	19,196	10,835
Montana	2,121	191,326	265,719	5,724	6,954	3,791
Idaho	16,394	1,153,572	1,361,038	2,111	2,602	1,420
Wyoming	2,418	103,650	101,197	1,704	1,747	1,193
Colorado	7,938	540,881	682,940	4,812	6,003	3,790
New Mexico	713	140,369	177,809	349	531	197
Arizona	572	306,840	366,293	41	100	10
Utah	5,432	539,550	687,635	517	771	294
Nevada	233	57,486	84,620	161	488	125
Pacific	30,413	1,8,608,748	9,799,591	7,354	10,629	5,477
Washington	12,631	1,345,131	1,632,529	3,386	3,528	1,888
Oregon	7,192	877,110	921,749	3,383	4,920	2,638
California	10,411	6,386,507	7,124,797	584	2,172	1,050
Alaska		99 (2)	15,255	1 (2)	(2)	1
Hawaii		80 (2)	105,261	(2)	(2)	(2)

<sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; 1959 Census of Agriculture, preliminary reports, and records.

## No. 943. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED AND PRICES: 1930 TO 1961

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 242-253]

YEAR	CHICKENS <sup>1</sup>				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound <sup>2</sup>	Number produced	Price per dozen <sup>2</sup>	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound <sup>2</sup>
1930-----	1,000 463,491	Dollars 0.928	1,000 714,380	Cents 18.4	Millions 39,067	Cents 23.7	1,000 5,969	Dollars 3.00	1,000 17,052	Cents 20.2
1935-----	389,658 .544		597,769 14.9		33,609 33.4		5,499 2.18		20,487 33,693	
1940-----	438,288 510,497	.605	555,563 799,102	13.0 25.9	39,707 56,221	18.0 37.7	8,569 7,082	2.14 5.79	33,316 42,470	15.2 33.7
1945-----	523,227 467,217	1.27 1.44	646,490 635,729	27.6 26.5	55,962 55,384	37.6 45.3	7,862 5,879	5.75 6.54	39,746 33,346	36.3 36.5
1947-----	449,644	1.44	536,107	30.1	54,899	47.2	3,959 3,959	6.97 6.97	21,346 41,019	46.8 35.2
1948-----	430,876	1.66	622,833	25.4	56,154	45.2	4,622 5,124	8.80 6.34	44,134 44,134	32.9 32.9
1950-----	456,549	1.36	535,266	22.2	58,954	36.3				
1951-----	430,988 426,555	1.46 1.53	539,549 473,381	25.0 22.1	58,063 58,068	47.7 41.6	5,037 5,725	6.48 6.99	53,055 62,117	37.5 33.6
1952-----	308,158 396,776	1.41 1.43	463,801 454,848	22.1 16.8	57,891 58,033	47.7 36.0	5,086 4,956	6.15 6.32	59,626 67,507	33.7 28.8
1953-----	390,708	1.05	375,208	18.6	59,526	39.5	4,917 4,917	5.33 5.33	45,471 45,471	30.2 30.2
1954-----	388,690 391,363	1.26 1.17	385,789 309,941	16.0 13.7	61,113 61,026	39.3 35.9	4,939 5,928	5.50 5.05	76,560 81,232	27.2 23.4
1955-----	374,281	1.26	344,497	14.0	61,607	38.5	5,612 5,612	4.67 4.67	79,333 84,204	23.9 23.9
1956-----	387,002	1.28	311,212	11.0	63,335	31.4	6,105 6,633	4.65 4.89	65,704 84,566	23.9 25.4
1960-----	360,484	1.06	200,942	12.2	61,377	36.0				
1961-----	357,910	1.25	(*)	(*)	(*)	(*)	6,840	4.94	(*)	(*)

<sup>1</sup> Excludes commercial broilers.<sup>2</sup> Average annual price received by farmers.<sup>3</sup> Not available.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 944. PROCESSING OF EGGS AND POULTRY: 1935 TO 1960

[In thousands of pounds. Excludes Alaska and Hawaii]

YEAR	DRIED EGGS PRODUCED			Liquid eggs used for immediate consumption	Frozen eggs produced <sup>1</sup>	Poultry for sale certified for evisceration under U.S. Govt. inspection <sup>2</sup>	Canned poultry <sup>3</sup>
	Whole	Albumen	Yolk				
1935-----	61	133	2,806				
1940-----	392	1,916	5,179	12,646	189,573	26,181	
1945-----	90,988	1,710	7,164	18,704	397,580	113,175	146,587
1946-----	115,344	2,112	7,988	20,031	392,218	155,576	125,197
1947-----	80,037	1,493	4,031	15,817	371,096	121,487	87,552
1948-----	36,019	2,078	5,578	16,901	345,192	149,673	146,993
1949-----	68,411	2,266	5,285	18,828	318,227	212,853	128,231
1950-----	86,993	3,605	2,820	20,115	354,148	337,909	152,049
1951-----	10,525	3,789	3,286	18,340	339,537	525,798	170,774
1952-----	2,717	6,552	8,069	18,404	320,352	700,300	193,790
1953-----	5,322	5,936	8,263	21,094	343,064	811,674	185,328
1954-----	2,942	9,287	10,300	31,031	361,184	894,538	179,107
1955-----	3,248	10,622	9,270	33,153	341,514	1,035,324	181,721
1956-----	4,908	8,797	8,359	33,111	349,085	1,447,658	195,782
1957-----	9,980	9,578	9,009	37,494	333,823	1,682,707	227,304
1958-----	8,395	8,904	7,952	31,334	350,886	2,046,477	261,026
1959-----	31,754	11,046	11,852	51,163	435,722	4,751,250	288,054
1960-----	27,570	8,021	10,489	44,025	362,366	5,067,213	404,051

<sup>1</sup> Includes amounts which were later dried; also included in dried figures for each year.<sup>2</sup> Dressed weight through 1953; designated as ready-to-cook weight thereafter.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics* and records.

## No. 945. POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES: 1955-1959 AVERAGE, AND 1960

[Eggs in millions; other figures in thousands]

STATE	EGGS PRO- DUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRO- DUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1955- 1959, avg.	1960	1955- 1959, avg.	1960	1955- 1959, avg.	1960	1955- 1959, avg.	1960	1955- 1959, avg.	1960
United States <sup>1</sup>	61,321	61,377	426,339	330,103	1,455,863	1,795,718	77,586	84,772	2,176,189	2,445,170
The North	39,067	35,849	256,069	179,041	201,269	273,238	37,910	46,155	805,831	673,850
The South	14,500	16,781	121,483	104,271	1,088,999	1,432,844	20,396	17,417	1,207,798	1,593,171
The West <sup>2</sup>	7,754	8,747	48,787	46,791	75,594	89,636	19,279	21,200	162,560	178,149
New England	2,825	2,631	22,880	18,265	101,849	93,504	1,177	837	158,311	141,615
Maine	736	753	6,488	6,099	48,395	54,148	148	80	52,511	62,646
New Hampshire	402	323	3,596	2,622	7,624	5,615	128	108	22,695	15,187
Vermont	186	163	1,475	979	917	507	95	28	647	454
Massachusetts	734	660	5,362	3,907	15,020	9,500	538	362	27,043	21,114
Rhode Island	82	75	644	492	1,533	1,550	36	24	3,012	3,562
Connecticut	684	657	5,266	4,166	28,359	22,184	232	235	52,402	38,652
Middle Atlantic	8,192	7,364	44,785	31,458	58,187	53,553	3,019	2,493	142,899	123,608
New York	2,002	1,864	11,439	7,328	13,299	10,328	854	722	24,609	23,362
New Jersey	2,485	2,012	11,478	7,460	7,931	5,500	231	166	37,586	20,810
Pennsylvania	3,615	3,488	21,861	16,670	36,958	37,725	1,934	1,605	80,703	79,436
East North Central	11,611	10,787	74,053	46,967	87,172	79,472	10,909	12,662	245,031	201,075
Ohio	2,415	2,471	14,709	9,816	17,570	14,017	3,066	3,148	48,284	36,700
Indiana	2,454	2,515	17,182	13,089	39,538	36,102	2,650	3,140	97,141	89,552
Illinois	2,833	2,397	17,621	10,821	8,327	5,487	1,143	1,037	49,875	31,043
Michigan	1,626	1,439	11,014	5,704	4,350	3,200	1,166	1,258	21,298	15,600
Wisconsin	2,284	1,965	13,528	7,537	17,386	20,666	2,885	4,079	28,433	28,180
West North Central	16,439	15,067	114,406	82,351	44,062	46,709	22,808	30,163	259,590	207,552
Minnesota	4,036	3,552	23,414	17,707	3,405	3,688	10,250	14,541	45,161	34,260
Iowa	4,984	4,732	32,510	24,879	4,276	4,025	6,311	7,675	64,788	48,750
Missouri	2,003	1,701	17,197	11,096	31,753	31,750	3,190	4,285	91,939	80,002
North Dakota	521	416	5,118	3,413	-----	-----	661	827	4,042	(2)
South Dakota	1,380	1,480	9,969	7,712	-----	-----	638	855	13,632	(2)
Nebraska	1,851	1,847	13,573	9,196	2,759	2,175	940	1,115	22,247	18,038
Kansas	1,604	1,339	12,635	8,348	1,868	1,891	816	865	17,782	11,602
South Atlantic	6,426	8,036	54,919	49,906	632,357	777,869	12,298	9,091	703,657	883,447
Delaware	124	133	1,067	1,045	85,738	91,343	704	280	71,429	(3)
Maryland	387	327	2,921	1,867	76,059	102,812	400	170	86,410	120,647
Virginia	959	1,094	7,164	6,225	59,439	54,511	6,470	4,654	81,228	82,155
West Virginia	359	385	2,519	1,817	25,232	24,772	1,512	923	12,056	(3)
North Carolina	1,793	2,055	16,380	13,957	109,075	156,600	1,515	1,800	122,094	167,701
South Carolina	579	814	6,056	7,229	14,732	17,480	1,060	628	20,195	24,963
Georgia	1,441	2,218	14,026	12,909	251,314	320,250	357	430	279,381	370,567
Florida	784	1,030	4,753	4,857	10,767	10,101	280	206	30,204	32,097
East South Central	3,758	4,312	33,821	26,376	214,027	342,414	1,071	931	235,591	373,871
Kentucky	1,005	888	9,302	6,212	14,447	16,520	433	358	19,122	16,802
Tennessee	991	957	9,222	5,956	22,731	33,340	181	129	39,318	49,930
Alabama	1,011	1,304	8,191	7,986	106,800	176,654	286	300	101,898	180,228
Mississippi	751	1,163	7,108	6,258	69,998	115,900	171	144	75,243	120,911
West South Central	4,317	4,433	32,742	27,989	242,615	312,561	7,028	7,395	268,550	335,853
Arkansas	669	580	5,899	6,191	116,749	180,397	2,146	2,132	114,951	166,056
Louisiana	415	509	4,981	4,295	17,387	20,250	75	58	17,223	23,098
Oklahoma	804	610	5,453	3,369	6,344	6,711	1,031	1,265	13,792	11,537
Texas	2,429	2,424	16,409	14,134	102,135	103,203	3,776	3,940	122,585	135,162
Mountain	1,478	1,422	11,199	8,093	6,242	7,576	4,293	4,724	16,752	15,952
Montana	222	204	2,438	1,640	-----	-----	50	8	1,942	1,405
Idaho	275	267	2,212	1,725	2,273	3,850	190	252	4,506	5,396
Wyoming	68	57	556	317	-----	-----	13	13	(2)	(3)
Colorado	317	276	2,484	1,342	1,382	1,183	1,163	1,479	4,681	2,853
New Mexico	123	135	731	658	-----	-----	71	73	(2)	(3)
Arizona	118	161	901	902	-----	571	397	97	1,776	2,041
Utah	339	310	1,751	1,412	2,017	1,846	2,695	2,801	3,341	4,091
Nevada	16	12	126	97	-----	-----	5	1	-----	-----
Pacific	6,276	7,325	37,588	38,698	69,352	82,060	14,985	16,476	145,988	162,197
Washington	937	1,048	4,829	4,190	12,698	15,505	661	525	23,129	24,620
Oregon	616	599	4,203	3,347	8,255	11,738	1,451	1,415	17,096	19,928
California	4,723	5,678	28,556	31,161	48,399	54,817	12,843	14,536	105,763	117,649

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Withheld to avoid disclosing individual operations. Included in region total.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

No. 946. CHICKENS ON FARMS, 1954 AND 1959, EGGS AND CHICKENS SOLD, 1959,  
BY STATES

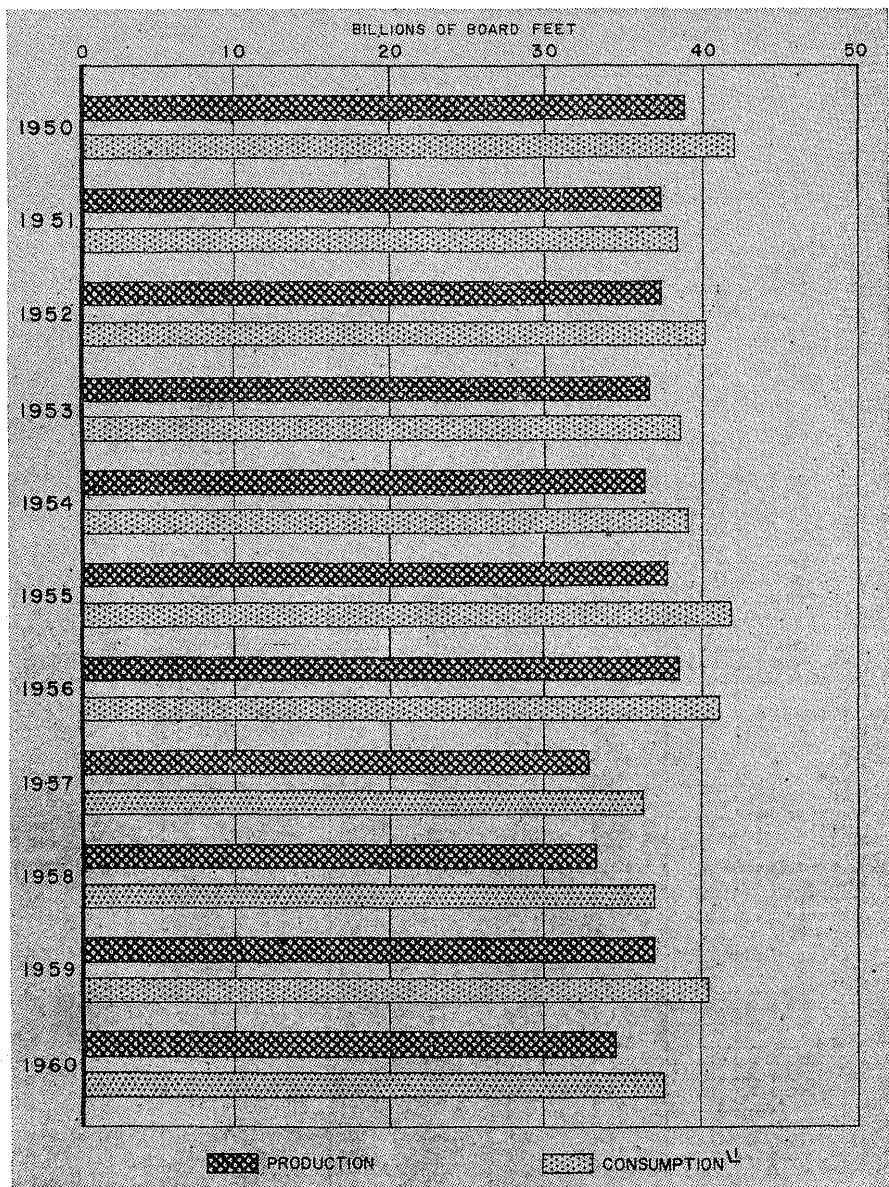
[In thousands]

STATE	CHICKENS <sup>1</sup>				CHICKEN EGGS SOLD, 1959 (prel.)		CHICKENS SOLD, 1959 (prel.)	
	Farms reporting		Number on hand		Farms reporting	Number (dozens)	Farms reporting	Number
	1954	1959 (prel.)	1954	1959 (prel.)				
United States -----	2,3418.2	2,170.4	2,375,800	352,527	1,065.6	3,337,872	801.8	1,631,432
The North.....	1,428.2	965.5	244,708	205,662	701.8	2,017,005	583.0	365,893
The South.....	1,762.4	1,065.2	93,046	102,318	309.4	786,562	180.0	1,159,248
The West.....	2227.6	139.7	2,38,047	44,547	54.4	534,305	38.8	106,291
New England.....	37.8	20.5	15,424	14,761	11.5	172,509	10.9	97,132
Maine.....	10.1	5.7	3,557	4,481	3.1	51,686	3.4	54,052
New Hampshire.....	4.9	2.4	2,640	2,004	1.5	22,297	1.4	6,534
Vermont.....	7.6	4.5	1,039	824	2.1	8,279	1.3	1,486
Massachusetts.....	7.8	3.7	4,085	3,498	2.5	41,925	2.4	10,820
Rhode Island.....	1.0	1.0	450	419	0.3	4,937	0.3	2,178
Connecticut.....	6.4	3.2	3,653	3,535	2.0	43,385	2.1	22,062
Middle Atlantic.....	157.0	93.7	49,065	42,367	58.2	478,053	49.7	73,443
New York.....	54.6	31.8	12,371	10,681	16.9	117,106	13.7	18,008
New Jersey.....	13.9	6.7	15,920	12,673	5.2	156,067	5.1	10,435
Pennsylvania.....	88.5	55.2	20,774	19,013	36.1	204,880	30.9	45,000
East North Central.....	540.5	340.8	72,197	59,429	237.1	556,618	191.6	103,236
Ohio.....	118.4	73.9	14,763	13,323	49.7	180,095	38.3	21,552
Indiana.....	103.2	62.0	14,448	13,840	43.9	137,110	37.1	42,288
Illinois.....	128.7	85.7	18,230	13,340	61.9	117,004	51.1	11,659
Michigan.....	85.2	49.3	10,773	8,375	29.7	74,020	22.4	7,403
Wisconsin.....	104.0	69.0	13,083	10,551	51.9	98,389	42.7	20,334
West North Central.....	692.9	510.5	108,023	89,105	395.0	809,825	330.8	92,082
Minnesota.....	120.4	86.0	27,401	22,190	74.7	229,420	70.2	17,406
Iowa.....	156.1	119.1	30,129	26,701	105.4	266,179	96.9	10,122
Missouri.....	153.2	107.3	14,249	10,170	59.7	71,759	41.4	38,502
North Dakota.....	42.2	30.3	4,364	2,922	22.5	16,048	15.0	1,344
South Dakota.....	50.0	41.0	9,005	8,932	36.0	74,224	32.5	4,737
Nebraska.....	81.8	64.0	12,074	10,485	52.4	87,780	43.1	6,751
Kansas.....	88.3	62.8	10,801	7,705	44.3	64,406	31.7	4,220
South Atlantic.....	630.1	366.4	37,652	44,908	102.9	381,627	71.9	598,859
Delaware.....	3.8	2.7	712	726	1.0	7,399	2.2	70,881
Maryland.....	22.5	14.0	2,706	2,093	7.0	18,150	6.6	80,971
Virginia.....	102.7	64.2	6,088	6,515	26.6	51,537	13.7	44,068
West Virginia.....	52.6	29.3	2,663	2,015	12.7	12,304	6.5	23,943
North Carolina.....	202.8	120.9	10,680	12,158	30.9	90,949	19.7	113,653
South Carolina.....	95.5	53.8	3,788	4,514	8.8	34,615	5.3	15,859
Georgia.....	122.8	65.7	7,814	11,903	12.2	100,730	15.3	238,097
Florida.....	27.4	15.8	3,201	4,984	3.7	57,043	2.6	11,287
East South Central.....	627.8	397.3	26,658	27,803	111.6	176,109	50.7	289,829
Kentucky.....	153.3	106.2	7,566	5,472	40.5	22,514	16.4	15,359
Tennessee.....	170.2	114.7	7,989	6,844	40.7	38,107	15.8	30,200
Alabama.....	137.1	79.8	5,682	7,770	14.0	57,752	10.6	141,208
Mississippi.....	167.1	96.6	5,420	7,717	16.4	57,736	7.9	103,062
West South Central.....	504.5	301.5	28,736	29,607	94.9	228,826	57.4	270,560
Arkansas.....	113.1	62.5	4,683	5,693	14.0	43,610	10.2	152,641
Louisiana.....	80.0	52.4	3,447	3,624	9.1	22,448	4.2	17,222
Oklahoma.....	91.2	59.8	5,709	4,185	22.2	26,685	12.2	8,065
Texas.....	211.2	126.8	14,898	16,105	49.6	137,183	30.8	92,642
Mountain.....	111.2	73.1	9,771	8,280	30.0	72,693	19.7	9,023
Montana.....	22.9	16.8	1,629	1,259	8.3	7,430	5.0	556
Idaho.....	23.4	15.4	1,667	1,372	6.3	11,648	4.0	2,505
Wyoming.....	8.0	5.6	531	371	2.4	2,153	1.5	132
Colorado.....	27.0	18.0	2,287	1,814	7.7	14,265	5.4	1,501
New Mexico.....	12.8	7.7	769	815	1.9	6,975	1.2	364
Arizona.....	4.3	2.3	587	921	0.6	10,952	0.5	1,621
Utah.....	11.0	6.0	2,154	1,645	2.4	18,848	1.8	2,319
Nevada.....	1.8	1.3	147	83	0.4	422	0.3	25
Pacific.....	2116.4	66.6	2,28,276	36,267	24.4	461,612	19.1	97,268
Washington.....	36.6	20.7	4,593	4,998	8.1	60,649	5.7	19,225
Oregon.....	32.0	18.1	3,266	2,916	6.9	32,641	4.8	11,403
California.....	47.7	25.9	20,417	27,534	8.9	358,924	8.3	65,258
Alaska.....	(3)	0.1	(3)	34	0.1	359	(4)	11
Hawaii.....	(3)	1.8	(3)	785	0.4	9,089	0.3	1,371

<sup>1</sup> Chickens 4 months old and over.<sup>2</sup> Excludes Alaska and Hawaii.<sup>3</sup> Not available.<sup>4</sup> 50 or less.

FIG. XL. LUMBER PRODUCTION AND CONSUMPTION: 1950 TO 1960

[See table 959]

<sup>1</sup> Includes exports, imports, and changes in distributors' stocks.

Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from the National Lumber Manufacturers Association.

## Section 26

### Forests and Forest Products

This section presents basic forest statistics on the area and ownership of commercial forest land and volume of timber including annual growth and cut; forestry statistics covering the national forests and Forest Service cooperative programs; and product statistics for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, rosin, veneer logs, and other similar data.

The principal sources of these data are the *Timber Resources for America's Future* issued in 1958; the annual report *National Forest Areas*, and *Forest Fire Statistics* published by the Forest Service of the Department of Agriculture; the annual reports of the Bureau of the Census entitled *Lumber Production and Mill Stocks and Pulp, Paper, and Board*, and other reports in the Bureau of the Census, *Current Industrial Reports* (formerly *Facts for Industry*) series issued quarterly on plywood and monthly on pulp, paper, and board. Additional information in this field is published in the *Annual Report* of the National Forest Reservation Commission, the *Annual Naval Stores Report* of the Agricultural Marketing Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the quarterly *National Survey of Lumber Demand and Supply* of the National Lumber Manufacturers Association.

The Bureau of the Census also collects statistics of foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railroads.

The completeness and reliability of statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for Federal lands are considered much better than for private lands, though too much reliance should not be placed on estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts.

For an historical summation of raw materials production, imports, exports, and consumption, which includes figures for forest products, see table 989.

**Alaska and Hawaii.**—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series L 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## Forests and Forest Products

## No. 947. FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES: 1953

[In thousands of acres. As of January 1]

STATE	Total forest land	COMMERCIAL FOREST LAND <sup>1</sup>									
		Federally owned or managed			State, county, and municipal	Private				Other	
		All ownerships	Total	National forest		Total	Farm	Wood-using industries			
U.S. <sup>2</sup>	772,000	530,161	98,874	81,314	17,560	27,216	358,250	165,217	62,382	130,651	
The North	198,860	174,041	13,094	10,282	2,812	19,332	141,615	61,394	14,103	66,118	
New England	31,378	30,658	904	822	82	837	28,917	6,138	8,178	14,601	
Connecticut	1,990	1,973	1	1	1	154	1,818	6,526	(3)	1,292	
Maine	17,088	16,601	90	51	39	92	16,419	2,232	6,617	7,570	
Massachusetts	3,288	3,259	29	29	29	370	2,860	740	(3)	2,120	
New Hampshire	4,848	4,682	585	580	5	97	4,000	1,039	771	2,190	
Rhode Island	434	430	(4)	(4)	26	404	79			325	
Vermont	3,730	3,713	199	191	8	98	3,416	1,522	528	1,366	
Middle Atlantic	44,894	42,225	1,541	1,389	202	3,973	36,711	11,800	2,069	22,842	
Delaware	454	448	1	1	1	12	435	217	124	94	
Maryland	2,920	2,897	54	4	50	180	2,683	1,169	(3)	1,514	
New Jersey	1,958	1,910	1	1	1	180	1,729	320	(3)	1,409	
New York	14,450	12,002	98	98	797	11,107	3,473	1,172	6,462		
Pennsylvania	15,205	15,108	492	454	38	2,737	11,879	3,424	442	8,018	
West Virginia	9,907	9,860	895	881	14	87	8,878	3,197	270	5,411	
Lake	55,201	53,272	7,540	5,895	1,645	13,899	31,833	15,184	3,039	13,610	
Michigan	19,322	18,849	2,482	2,343	139	3,005	12,462	3,877	1,447	7,138	
Minnesota	19,344	18,088	3,055	2,195	860	7,103	7,940	4,881	578	2,481	
Wisconsin	16,535	16,325	2,003	1,357	646	2,891	11,431	6,426	1,014	3,991	
Central	42,726	42,894	2,632	2,181	451	558	39,204	24,697	817	13,690	
Illinois	3,993	3,938	216	184	32	10	3,712	3,050	(3)	662	
Indiana	4,103	4,045	172	112	60	111	3,762	2,878	(3)	884	
Iowa	2,510	2,505	23	3	20	19	2,463	2,321		142	
Kentucky	11,497	11,446	672	455	217	53	10,721	4,903	308	5,510	
Missouri	15,177	15,064	1,461	1,339	122	156	13,447	8,498	460	4,489	
Ohio	5,446	5,396	88	88	(4)	209	5,098	3,047	(3)	2,052	
Plains	24,661	5,492	477	45	432	65	4,950	3,575		1,375	
Kansas	1,668	1,664	1	1	1	1	1,668	1,160		603	
Nebraska	1,482	1,480	37	30	7	24	1,419	820		509	
North Dakota	433	414	149	149	149	10	255	182		73	
Oklahoma (West)	4,302	650	290	290	290	10	640	540		100	
S. Dak. (East)	776	684	290	15	275	21	373	373			
Texas (West)	16,000	600	-----	-----	-----	600	600	600		100	
The South	197,265	193,288	14,196	10,372	8,824	2,483	176,609	90,143	33,523	52,943	
South Atlantic	47,288	46,152	3,484	2,783	701	532	42,136	29,968	5,614	6,554	
North Carolina	19,513	18,976	1,304	999	305	279	17,393	13,590	2,584	1,219	
South Carolina	11,943	11,891	763	524	239	153	10,975	7,530	1,090	1,749	
Virginia	15,832	15,285	1,417	1,260	187	100	13,768	8,848	1,334	3,686	
Southeast	96,906	94,985	6,237	3,892	2,345	1,552	87,196	45,957	15,443	25,796	
Alabama	20,771	20,756	789	614	175	177	19,790	8,114	3,138	8,638	
Florida	23,047	21,519	1,813	1,035	778	438	19,268	8,905	4,369	5,994	
Georgia	24,057	23,969	1,567	641	916	125	22,287	15,854	4,246	2,187	
Mississippi	16,473	16,440	1,245	1,036	209	473	14,722	6,958	2,602	5,162	
Tennessee	12,558	12,301	833	566	207	339	11,120	6,128	1,088	3,915	
West Gulf	53,071	52,151	4,475	3,697	778	399	47,277	14,218	12,466	20,593	
Arkansas	19,346	19,202	2,802	2,926	476	108	16,882	6,733	4,118	5,531	
Louisiana	15,990	15,899	667	536	131	181	15,051	3,160	4,281	7,610	
Oklahoma (East)	6,027	5,257	270	180	90	79	4,908	1,700	(3)	3,208	
Texas (East)	11,708	11,703	736	655	81	31	10,936	2,625	3,123	5,188	
The West	241,561	117,011	71,584	60,660	10,924	5,401	40,026	13,680	14,756	11,590	
Pacific Northwest	54,129	45,365	22,650	17,109	5,541	3,141	19,574	5,344	8,880	5,350	
Oregon	30,261	25,875	15,067	11,435	3,632	1,040	9,768	3,458	4,733	1,577	
Washington	23,868	19,490	7,583	5,674	1,909	2,101	9,806	1,886	4,147	3,773	
California	42,541	17,317	9,070	8,573	497	194	8,053	1,536	2,389	3,078	
No. Rocky Mountain	55,261	33,840	23,738	21,627	2,111	1,643	8,459	4,001	2,331	2,127	
Idaho	21,025	13,372	9,579	9,174	405	826	2,967	1,166	1,180	621	
Montana	22,330	15,727	10,187	8,939	1,248	683	4,857	2,360	1,086	1,411	
S. Dak. (West)	1,393	1,266	980	972	8	63	223	150	(3)	73	
Wyoming	10,513	3,475	2,992	2,542	450	71	412	325	(3)	87	
So. Rocky Mountain	89,630	20,489	16,126	13,351	2,775	423	3,940	2,749	156	1,035	
Arizona	19,212	3,180	3,021	2,201	820	34	1,255	46	(3)	79	
Colorado	20,834	8,451	6,668	6,262	406	170	1,613	994		619	
Nevada	12,036	10,93	32	30	2	77	77	11	(3)	66	
New Mexico	21,329	5,735	3,889	2,993	846	163	1,733	1,355	136	242	
Utah	16,219	3,014	2,566	1,565	701	56	392	343	(3)	49	
Coastal Alaska	12,314	5,301	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Interior Alaska	120,000	40,000	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Hawaii	2,000	520	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	

<sup>1</sup> Comprises all land which is (a) producing, or physically capable of producing, usable crops of wood (usually sawtimber), (b) economically available now or prospectively, and (c) not withdrawn from timber utilization.<sup>2</sup> Includes Alaska and Hawaii, not classified by ownership.<sup>3</sup> Included with "Other" to avoid possible disclosure of area owned by individual "Wood-using" industries. Where these combinations have been made, State figures for "Wood-using" industries and "Other" do not add to totals because national, regional, and sectional totals show correct ownership distribution.<sup>4</sup> Less than 500 acres.<sup>5</sup> Not available.

# Sawtimber

689

## No. 948. LIVE SAWTIMBER AND GROWING STOCK—ANNUAL GROWTH AND ANNUAL CUT, 1952, AND VOLUME, 1953, ON COMMERCIAL FOREST LAND, BY STATES

[Sawtimber comprises all trees (except cull trees) which contain at least 1 merchantable sawlog as defined by regional practice, and which have the following minimum diameter at breast height: Eastern region softwoods, 9 inches; Eastern region hardwoods and all species of Western region, 11 inches. Growing stock comprises all trees of commercial species which meet regional specifications for soundness and form, and which have a minimum diameter of 5 inches at breast height]

STATE	LIVE SAWTIMBER (1,000,000 bd. ft.)					GROWING STOCK (1,000,000 cu. ft.)				
	Net annual growth, 1952 <sup>1</sup>	Net annual cut, 1952 <sup>2</sup>	Net volume, 1953 <sup>3</sup>			Net annual growth, 1952 <sup>1</sup>	Net annual cut, 1952 <sup>2</sup>	Net volume, 1953 <sup>3</sup>		
			Total	Soft-wood	Hard-wood			Total	Soft-wood	Hard-wood
United States <sup>4</sup>	47,397	48,840	2,056,847	1,647,554	409,293	14,243	10,757	516,935	355,155	161,780
The North	12,074	6,706	266,014	58,942	207,072	4,659	1,940	111,498	23,146	88,352
New England	1,857	1,768	51,525	27,169	24,356	878	500	24,345	9,957	14,388
Connecticut	106	19	1,859	1,000	859	68	9	1,304	158	1,146
Maine	821	1,032	28,226	16,898	11,328	375	285	12,601	5,850	6,751
Massachusetts	130	86	2,659	1,209	1,300	80	26	1,871	631	1,240
New Hampshire	472	343	10,069	5,527	4,542	212	98	4,452	2,065	2,387
Rhode Island	9	2	165	29	136	9	1	161	15	146
Vermont	310	286	8,547	3,153	5,394	134	81	3,056	1,238	2,718
Middle Atlantic	3,160	1,795	74,351	13,328	61,023	1,357	469	34,483	5,390	29,093
Delaware	56	40	1,234	518	716	18	11	464	217	247
Maryland	324	249	6,771	1,526	5,245	117	64	2,899	806	2,093
New Jersey	81	34	1,600	351	1,309	38	18	952	197	755
New York	1,041	630	26,883	6,517	20,306	393	141	11,675	2,544	9,181
Pennsylvania	750	428	19,306	2,881	16,425	357	131	10,629	1,436	9,609
West Virginia	908	414	18,497	1,535	16,962	434	109	7,864	606	7,258
Lake	2,693	1,240	49,790	14,355	35,435	1,180	537	25,218	6,543	18,675
Michigan	1,010	594	21,141	5,469	15,672	433	216	9,912	2,278	7,634
Minnesota	788	242	12,538	5,039	7,499	385	148	7,235	2,829	4,406
Wisconsin	895	404	16,111	3,847	12,264	362	174	8,071	1,436	6,635
Central	3,963	1,809	82,671	3,420	79,251	1,128	405	24,624	1,042	23,582
Illinois	496	173	11,694	44	11,650	135	38	3,050	14	3,036
Indiana	497	269	11,671	54	11,617	139	52	3,041	26	3,015
Iowa	210	76	4,119	4,119	49	17	1,183	1	1,182	
Kentucky	1,410	695	27,342	2,167	25,175	365	162	7,834	571	7,263
Missouri	785	316	15,195	809	12,388	270	84	5,503	334	5,169
Ohio	556	281	14,050	346	14,304	170	53	4,013	96	3,917
Plains	401	94	7,677	670	7,007	116	28	2,828	214	2,614
Kansas	178	28	3,371	6	3,365	39	8	954	8	946
Nebraska	66	10	1,253	187	1,066	19	3	462	65	397
North Dakota	28	5	653	653	0	3	251	1	250	
Oklahoma (West)	43	11	880	880	16	3	337	(6)	337	
S. Dak. (East)	44	1	790	107	683	21	(6)	601	55	546
Texas (West)	42	39	730	370	360	12	11	223	85	138
The South	24,017	19,599	357,068	182,933	174,135	6,807	5,053	113,701	51,067	62,634
South Atlantic	6,880	5,352	106,858	51,144	55,714	1,908	1,455	33,758	14,877	18,881
North Carolina	2,951	2,381	44,152	22,450	21,693	802	647	13,642	6,379	7,263
South Carolina	1,851	1,411	32,299	18,876	13,423	509	380	9,613	5,288	4,325
Virginia	2,078	1,560	30,407	9,809	20,598	597	428	10,503	3,210	7,293
Southeast	10,035	9,411	139,302	76,833	62,469	3,056	2,405	47,955	23,501	24,454
Alabama	2,770	2,377	38,211	21,929	16,282	769	582	11,713	5,616	6,097
Florida	1,025	931	23,032	18,004	4,908	458	252	8,152	5,942	2,210
Georgia	3,174	2,899	36,020	23,112	13,808	869	750	12,692	7,773	4,919
Mississippi	1,628	2,211	25,789	11,138	14,651	716	570	9,628	3,288	6,340
Tennessee	838	993	15,350	2,590	12,760	244	252	5,770	882	4,888
West Gulf	7,102	4,835	110,908	54,956	55,952	1,843	1,193	31,988	12,689	19,299
Arkansas	2,253	1,552	38,317	17,777	20,540	573	380	11,762	3,218	7,444
Louisiana	2,691	1,595	41,436	18,208	23,228	687	405	11,199	3,927	7,272
Oklahoma (East)	286	142	5,580	2,230	3,350	97	39	1,780	580	1,200
Texas (East)	1,872	1,546	25,675	16,741	8,834	486	368	7,247	3,864	3,383
The West	11,178	22,449	1,344,707	1,316,728	27,979	2,745	3,751	273,240	262,469	10,771
Pacific Northwest	5,977	14,271	478,876	731,433	17,443	1,327	2,391	146,194	140,531	5,613
Oregon	3,600	9,808	433,800	424,721	9,088	636	1,609	80,973	78,298	2,675
Washington	2,417	4,462	315,007	306,712	8,355	641	782	65,221	62,283	2,958
California	2,939	5,724	360,001	354,024	5,977	595	932	66,711	66,634	3,047
No. Rocky Mountain.	1,534	1,399	167,022	165,682	1,340	603	320	42,763	42,290	473
Idaho	1,139	1,125	96,015	95,809	206	354	188	21,246	21,139	107
Montana	247	664	55,770	55,075	695	172	118	16,143	15,895	248
S. Dak. (West)	61	41	3,167	3,167	-----	26	9	1,287	1,287	-----
Wyoming	87	70	12,070	11,631	439	51	15	4,087	3,069	118
So. Rocky Mountain.	728	555	68,803	65,593	3,219	220	100	17,572	15,934	1,638
Arizona	134	255	19,988	19,817	171	27	42	3,700	3,624	76
Colorado	241	145	25,394	23,777	1,617	110	31	8,037	7,470	557
Nevada	5	1	572	565	7	2	(6)	151	126	25
New Mexico	311	114	15,054	14,038	1,016	72	9	3,683	3,136	547
Utah	37	40	7,800	7,392	408	9	8	2,001	1,578	423
Coastal Alaska	128	86	89,058	88,951	107	32	12	18,496	18,473	23

<sup>1</sup> Comprises natural growth and excludes catastrophic losses.

<sup>2</sup> Live sawtimber and poletimber trees cut or killed by logging.

<sup>3</sup> As of Jan. 1.

<sup>4</sup> Excludes Hawaii.

\* Less than one-half million.

## No. 949. LIVE SAWTIMBER—VOLUME, BY SPECIES, FOR REGIONS: 1953

[In millions of board feet (log scale, International 1/4-inch rule). As of January 1. For States represented in regions shown, see table 948]

SPECIES GROUP	Total North and South	THE NORTH					THE SOUTH		
		New Eng- land	Middle Atlan- tic	Lake	Central	Plains	South Atlan- tic	South- east	West Gulf
<b>Eastern species, total</b>	623,082	51,525	74,351	49,790	82,671	1,7,677	106,858	139,302	110,908
<b>Softwoods, total</b>	241,875	27,169	13,328	14,355	3,420	1,670	51,144	76,833	54,956
White and red pine	17,330	7,602	3,577	5,015	68	-----	737	331	-----
Jack pine	2,104	1	20	2,083	-----	-----	-----	-----	-----
Longleaf and slash pine	36,638	-----	-----	-----	-----	-----	3,184	31,083	2,371
Shortleaf and loblolly pine	124,744	1,725	-----	1,897	370	36,968	35,078	48,706	-----
Other pines	12,251	41	1,555	580	-----	-----	6,148	3,625	302
Spruce and balsam fir	19,084	14,440	1,937	2,697	-----	-----	10	-----	-----
Hemlock	12,333	8,749	4,012	2,735	432	-----	1,113	292	-----
Cypress	12,682	-----	-----	-----	280	(?)	2,761	6,097	3,544
Other	4,709	1,336	502	1,825	163	1,300	223	327	33
<b>Hardwoods, total</b>	381,207	24,356	61,023	35,435	79,251	7,007	55,714	62,469	55,952
White oak <sup>3</sup>	35,432	423	6,863	1,965	11,294	7	5,064	5,125	4,091
Other white oak	27,342	39	2,126	784	7,423	472	5,325	4,731	6,442
Red oak <sup>4</sup>	31,023	1,709	10,178	5,600	5,865	173	2,576	2,553	2,340
Other red oak	52,592	347	3,166	1,145	14,565	649	8,630	12,536	11,554
Yellow birch	11,701	5,824	3,924	1,890	0	-----	25	11	18
Sugar maple	22,929	6,315	7,289	6,080	2,833	-----	141	217	54
Soft maple	13,913	1,098	4,304	2,047	2,704	42	2,183	1,088	447
Beech	15,888	2,055	6,174	1,068	3,850	-----	772	1,211	758
Sweetgum	25,750	-----	883	-----	910	160	6,927	8,299	8,571
Tupelo and blackgum	24,563	3	654	-----	1,017	82	8,874	8,373	5,560
Ash	11,027	355	1,655	1,425	2,477	385	1,384	1,307	2,089
Hickory	23,896	93	2,046	150	6,688	55	3,555	6,111	5,218
Cottonwood and aspen	9,376	348	309	3,958	1,617	1,682	88	558	816
Basswood	6,763	112	2,026	2,750	1,271	130	192	235	38
Yellow poplar	16,370	107	3,035	-----	3,649	-----	5,675	3,845	59
Black walnut	2,109	-----	83	27	1,408	169	162	206	54
Other	50,533	5,528	6,308	6,537	11,642	3,001	3,611	6,063	7,843

SPECIES GROUP	Total	THE WEST					Coastal Alaska	
		Pacific Northwest			Califor- nia	North- ern Rocky Moun- tain		
		Total	Douglas- fir sub- region	Pine sub- region				
<b>Western species, total</b>	1,344,707	748,876	594,375	154,501	360,001	167,022	68,808	89,058
<b>Softwoods, total</b>	1,316,728	731,433	577,116	154,317	354,024	165,682	65,589	88,951
Douglas fir	531,868	365,912	337,251	28,661	116,912	43,220	5,824	-----
Ponderosa and Jeffrey pine	524,209	92,232	5,900	86,332	66,741	33,061	32,175	-----
True firs	183,705	73,508	58,428	15,080	88,717	16,988	4,497	-----
Western hemlock	117,497	114,735	112,065	2,670	478	2,284	-----	54,398
Sugar pine	35,121	7,737	7,418	319	27,384	-----	-----	-----
Western white pine	21,383	4,771	3,244	1,527	2,131	14,474	7	-----
Redwood	36,214	90	90	-----	36,124	-----	-----	-----
Sitka spruce	9,293	9,123	9,123	-----	170	-----	-----	26,505
Engelmann and other spruces	36,962	3,371	410	2,961	-----	17,737	15,854	173
Western larch	28,019	10,348	210	10,138	-----	17,671	-----	-----
Western red cedar	31,654	28,198	27,575	623	2	3,454	-----	4,641
California incense cedar	13,296	3,557	3,321	236	9,727	-----	12	-----
Lodgepole pine	30,051	3,553	334	3,219	8,807	15,891	6,800	75
Other softwoods	17,456	14,298	11,747	2,551	1,831	907	420	3,069
<b>Hardwoods</b>	27,979	17,443	17,259	184	5,977	1,340	3,219	107

1 Includes 294 million board feet of ponderosa pine.

2 Less than one-half million.

3 *Quercus alba* and *Quercus prinus*.

4 *Quercus borealis*, *Quercus falcata* var. *pogonaeifolia*, and *Quercus shumardii*.

5 Excludes ponderosa pine in the Plains region.

## No. 950. NATIONAL FOREST AREAS AND PURCHASES: 1920 TO 1960

[National forest area data are as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for year ending June 30, and include Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series L 1-5]

ITEM	1920	1930	1940	1950	1955	1957	1958	1959	1960
<b>NATIONAL FOREST AREAS<sup>1</sup></b>									
Gross area within established boundaries									
1,000 acres--	180,300	183,976	228,174	229,341	235,728	231,293	231,080	227,359	226,623
Under Forest Service administration									
1,000 acres--	156,032	160,091	176,779	181,205	188,120	188,013	188,042	185,806	185,772
<b>NATIONAL FOREST PURCHASES</b>									
Gross area approved for purchase-----acres	101,428	538,048	553,077	61,078	18,665	17,519	10,463	8,716	7,845
Average price per acre dollars--	4.44	2.73	3.98	8.71	10.30	23.74	69.40	25.67	14.76
Total price-----\$1,000--	451	1,468	2,203	532	192	416	722	224	114

<sup>1</sup> See headnote, table 952.

Source: Department of Agriculture, Forest Service, annual report, *National Forest Areas*; and National Forest Reservation Commission, *Annual Report*.

## No. 951. NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO: CUMULATIVE TO JUNE 30, 1960

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (1,000 acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres (1,000)	Average price per acre	Total price (\$1,000)	Acres (1,000)	Average price per acre	Total price (\$1,000)
<b>Total.</b>	<b>55,858</b>	<b>18,926</b>	<b>\$3.96</b>	<b>74,965</b>	<b>18,912</b>	<b>\$3.95</b>	<b>74,762</b>
Alabama.....	1,252	504	3.07	1,851	504	3.67	1,851
Arkansas.....	3,419	1,198	2.96	3,545	1,196	2.94	3,520
California.....	2,885	153	8.80	1,359	153	8.89	1,359
Florida.....	1,223	783	3.16	2,473	783	3.16	2,473
Georgia.....	1,535	602	4.96	2,087	602	4.98	2,080
Idaho.....	727	37	3.56	131	37	3.56	131
Illinois.....	802	107	6.43	1,269	197	6.43	1,269
Indiana.....	722	112	7.39	830	111	7.32	814
Iowa.....	5	5	9.11	43	5	9.11	43
Kentucky.....	1,412	459	4.09	1,879	458	4.07	1,866
Louisiana.....	957	551	2.99	1,651	551	2.99	1,651
Maine.....	93	50	6.60	327	50	6.60	327
Michigan.....	5,103	1,893	3.07	5,803	1,892	3.06	5,794
Minnesota.....	5,065	1,604	3.51	5,625	1,602	3.48	5,671
Mississippi.....	2,191	1,005	3.55	3,564	1,005	3.55	3,564
Missouri.....	3,385	1,325	2.33	3,090	1,324	2.32	3,083
Nevada.....	3,835	19	9.49	183	19	9.49	183
New Hampshire.....	803	675	7.77	5,241	675	7.76	5,238
New Mexico.....	92	21	1.92	40	21	1.92	40
North Carolina.....	3,235	1,036	6.20	5,384	1,036	5.20	5,384
North Dakota.....	1	1	10.00	5	1	10.00	5
Ohio.....	1,455	106	7.51	794	105	7.46	780
Oklahoma.....	256	180	1.84	333	180	1.84	333
Oregon.....	70	53	17.03	894	53	17.03	894
Pennsylvania.....	713	470	6.27	2,948	470	6.26	2,945
South Carolina.....	1,374	563	6.23	3,505	563	6.23	3,505
Tennessee.....	1,212	563	4.48	2,523	563	4.48	2,523
Texas.....	1,182	653	4.62	3,017	653	4.62	3,017
Utah.....	2,969	140	3.64	511	137	3.49	479
Vermont.....	629	228	9.28	2,118	228	9.28	2,118
Virginia.....	3,221	1,455	3.29	4,792	1,453	3.28	4,772
West Virginia.....	1,825	904	3.41	3,081	904	3.41	3,081
Wisconsin.....	2,024	1,367	2.17	2,973	1,367	2.17	2,973
Puerto Rico.....	186	14	13.98	196	14	13.98	196

Source: National Forest Reservation Commission, *Annual Report*.

## Forests and Forest Products

**No. 952. NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR PUERTO RICO: 1960**

[In thousands of acres. As of June 30. Comprises national forests, purchase units, experimental areas, land utilization, and other areas placed under administration of Forest Service, but not given a national-forest status. See also *Historical Statistics, Colonial Times to 1957*, series L 1-2, for gross area and area under Forest Service.]

STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration	STATE OR OTHER AREA	Gross area	Under Forest Service administration	Not under Forest Service administration
Total.....	226,623	185,772	40,851	Nebraska.....	341	340	1
Alabama.....	1,291	632	659	Nevada.....	5,379	5,058	321
Alaska.....	20,778	20,742	36	New Hampshire.....	805	678	127
Arizona.....	12,157	11,410	747	New Mexico.....	10,022	8,909	1,023
Arkansas.....	3,628	2,410	1,218	New York.....	14	14	-
California.....	24,297	19,998	4,299	North Carolina.....	3,224	1,124	2,100
Colorado.....	15,865	14,352	1,513	North Dakota.....	1,105	1,105	-
Florida.....	1,223	1,076	147	Ohio.....	1,455	100	1,346
Georgia.....	1,924	787	1,137	Oklahoma.....	457	268	189
Idaho.....	21,646	20,352	1,294	Oregon.....	16,902	14,943	1,959
Illinois.....	802	211	591	Pennsylvania.....	713	471	242
Indiana.....	726	123	603	South Carolina.....	1,374	587	787
Iowa.....	5	5	-	South Dakota.....	2,288	2,004	284
Kansas.....	107	107	-	Tennessee.....	1,213	596	617
Kentucky.....	1,412	460	952	Texas.....	1,834	775	1,059
Louisiana.....	1,158	592	566	Utah.....	9,043	7,925	1,118
Maine.....	94	50	44	Vermont.....	629	232	397
Massachusetts.....	2	2	-	Virginia.....	3,225	1,449	1,776
Michigan.....	5,111	2,564	2,547	Washington.....	10,743	9,721	1,022
Minnesota.....	5,065	2,798	2,267	West Virginia.....	1,825	904	921
Mississippi.....	2,477	1,134	1,343	Wisconsin.....	2,026	1,469	557
Missouri.....	3,398	1,381	2,017	Wyoming.....	9,598	9,144	454
Montana.....	19,056	16,636	2,420	Puerto Rico.....	186	35	151

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*.

**No. 953. PAYMENTS TO STATES AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1950 TO 1961**

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts collected during the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests under Act of May 23, 1908, exclusive of (a) payments to Arizona and New Mexico on account school-section lands administered by Forest Service, (b) payments for acquisition of land, and (c) payments to State of Minnesota on account of which the State is paid 3/4 percent of the appraised valuation in lieu of 25 percent of the receipts from an area of the Superior National Forest.]

STATE OR OTHER AREA	1950	1955	1960	1961	STATE OR OTHER AREA	1950	1955	1960	1961
Total.....	7,753	16,394	29,669	35,409	Nebraska.....	12	11	15	15
Alabama.....	90	152	320	330	Nevada.....	39	39	56	60
Alaska.....	5	7	1,158	1,198	New Hampshire.....	23	24	56	68
Arizona.....	244	415	457	561	New Mexico.....	124	104	255	331
Arkansas.....	375	608	940	924	North Carolina.....	85	129	233	228
California.....	1,146	2,537	3,980	5,801	North Dakota.....	(3)	(2)	(2)	(2)
Colorado.....	218	283	428	392	Ohio.....	3	6	6	9
Florida.....	66	134	226	270	Oklahoma.....	40	60	103	104
Georgia.....	81	124	237	164	Oregon.....	2,045	4,988	11,207	12,629
Idaho.....	418	975	1,281	1,907	Pennsylvania.....	14	46	114	147
Illinois.....	17	17	12	18	South Carolina.....	100	205	443	417
Indiana.....	2	3	5	4	South Dakota.....	57	66	114	100
Iowa.....	(2)	1	(2)	(3)	Tennessee.....	40	95	192	30
Kentucky.....	25	42	67	77	Texas.....	263	403	630	636
Louisiana.....	101	154	298	278	Utah.....	129	151	150	190
Maine.....	6	2	4	5	Vermont.....	26	42	33	37
Michigan.....	65	184	171	203	Virginia.....	38	62	66	70
Minnesota.....	68	141	141	165	Washington.....	1,108	2,836	5,243	6,489
Mississippi.....	197	380	670	728	West Virginia.....	29	48	116	176
Missouri.....	25	41	53	49	Wisconsin.....	66	180	88	82
Montana.....	251	505	588	1,292	Wyoming.....	109	151	211	223
					Puerto Rico.....	3	3	2	2

<sup>1</sup> Data include, for 1960, \$146,986 representing 25 percent of Tongass (Alaska) suspense account receipts; for 1961, \$186,940.

<sup>2</sup> Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, *Agricultural Statistics*.

## Forest Trees—National Forests

693

## No. 954. FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS: 1930 TO 1960

[In thousands. For years ending June 30, except calendar-year data for trees distributed, 1930 to 1948. Includes Hawaii and Puerto Rico]

YEAR	Trees distributed	COSTS			YEAR	Trees distributed	COSTS		
		Total	Federal contribution <sup>1</sup>	State expenditure			Total	Federal contribution <sup>1</sup>	State expenditure
1930	25,886	\$403	\$81	\$322	1952	299,665	\$3,658	\$376	\$3,282
1935	26,150	206	55	151	1953	434,082	3,988	386	3,602
1940	87,468	482	98	384	1954	465,639	4,029	383	3,646
1945	37,743	572	114	458	1955	496,571	3,929	372	3,557
1946	43,588	637	113	524	1956	560,456	4,770	429	4,341
1947	42,347	886	117	769	1957	712,272	5,769	820	4,949
1948	77,324	1,178	113	1,065	1958	764,364	7,365	1,131	6,234
1949	102,903	1,406	113	1,293	1959	945,464	6,949	658	6,291
1950	136,395	1,503	189	1,314	1960	844,599	6,573	186	6,387
1951	291,875	3,021	377	2,644					

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Source: Department of Agriculture, Forest Service.

## No. 955. NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE: 1940 TO 1960

[For years ending June 30, except as noted. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series J 41-42 for similar but not exactly comparable data, and L 7-22]

ITEM	1940	1945	1950	1955	1958	1959	1960
Livestock grazing: <sup>1,2</sup>							
Cattle, horses and swine <sup>3</sup>	1,000	1,314	1,293	1,128	1,148	1,114	1,117
Sheep and goats <sup>4</sup>	do	4,968	3,896	3,013	2,830	2,609	2,565
Roads and trails:							
Road construction	miles	4,1709	4,258	213	767	304	571
Road reconstruction	do	4,1,945	4,138	240	446	650	374
Trail construction and reconstruction	do	2,221	77	828	184	180	229
Expenditures (maint. and constr.)	\$1,000	423,511	4,8407	15,036	29,413	44,245	36,367
Timber cut, total value	do	5,168	13,291	31,140	71,231	94,702	114,579
Commercial and cost sales:							
Volume	1,000,000 ft. b. m.	1,371	2,732	3,195	6,225	6,335	8,262
Value	\$1,000	3,826	11,682	20,084	70,105	93,777	113,500
Land exchanges:							
Volume	1,000,000 ft. b. m.	369	413	307	103	85	79
Value	\$1,000	982	1,334	1,630	656	411	387
Free use:							
Volume	1,000,000 ft. b. m.	326	154	121	106	121	184
Value	\$1,000	304	171	215	204	228	316
Misc. forest products, value	do	57	104	211	266	346	366
Receipts, total <sup>7</sup>	do	5,859	16,274	34,485	79,521	91,170	121,535
Timber use <sup>7</sup>	do	3,943	11,813	30,269	75,044	85,899	115,194
Grazing use	do	1,463	2,159	3,385	2,953	3,014	3,752
Special land use, water power, etc.	do	453	2,302	831	1,524	2,257	2,580
Payments to States and Puerto Rico, total <sup>8</sup>	do	1,456	4,030	8,479	19,573	22,370	29,904
25-percent fund	do	1,433	4,003	8,363	19,413	22,138	29,522
Ariz. and N. Mex. school fund	do	23	36	72	114	117	114
State of Minnesota	do			44	46	48	121
Alaska (Tongass suspense account) <sup>9</sup>	do					67	147
Allotments to Forest Service, total <sup>10</sup>	do	678	1,601	3,484	7,776	8,893	11,880
Roads and trails (10 percent)	do	573	1,601	3,346	7,766	8,885	11,870
Acquisition of lands	do	105		138	10	9	10

<sup>1</sup> Number permitted to graze. Beginning 1960, figures include national grasslands and land utilization project lands. Calendar-year data.

<sup>2</sup> Excludes Puerto Rico.

<sup>3</sup> Excludes animals under 6 months of age.

<sup>4</sup> Includes forest highway construction.

<sup>5</sup> Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930.

<sup>6</sup> Includes some free use not reducible to board feet.

<sup>7</sup> Beginning 1945, includes Oregon and California, and beginning 1950, Tongass (Alaska), national forest lands.

<sup>8</sup> Payments made in following year.

<sup>9</sup> Total for 1948 through 1957 was \$730,000.

<sup>10</sup> For use in following year.

Source: Department of Agriculture, Forest Service.

## Forests and Forest Products

## No. 956. FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, AND STATE AND PRIVATE FOREST LANDS: 1940 TO 1959

[Area in thousands of acres. For years ending December 31. See also *Historical Statistics, Colonial Times to 1957*, series L 100-105]

YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
	Forest area	Number of fires	Area burned over	On protected area			On unprotected area		
				Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1940-----	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1945-----	213,210	8,539	445	302,942	48,176	2,466	126,959	68,013	14,780
1948-----	217,724	6,681	312	339,463	61,095	1,962	99,531	106,413	14,283
1949-----	214,505	9,592	317	357,168	78,649	2,320	81,826	105,533	12,760
1950-----	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1951-----	212,502	8,638	471	363,414	97,230	3,055	63,280	58,222	7,255
1952-----	212,518	9,634	281	368,692	118,363	6,347	58,002	60,280	7,650
1953-----	212,394	10,149	318	373,820	94,446	2,584	52,868	49,565	7,124
1954-----	217,850	8,592	176	382,387	118,681	2,787	48,722	49,614	5,890
1955-----	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1956-----	217,108	11,341	372	389,924	82,997	1,613	41,185	49,147	4,621
1957-----	217,518	6,219	188	395,864	59,452	1,099	38,906	17,690	2,123
1958-----	215,828	12,942	288	398,306	67,366	1,173	36,464	17,602	1,819
1959-----	300,346	8,935	897	400,679	77,802	1,681	34,091	17,925	1,577

<sup>1</sup> Beginning 1952, includes Hawaii, and 1959, Alaska; comprises National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

<sup>2</sup> Includes Hawaii; beginning 1959, includes Alaska. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

## No. 957. FOREST FIRES—NUMBER OF FIRES, BY CAUSE, AND EXPENDITURES FOR CONTROL OF FIRES ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1940 TO 1960

[Includes Hawaii; beginning 1945, number and cause of fires includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series L 106-109, for expenditures]

ITEM	1940	1945	1950	1955	1957	1958	1959	1960
<b>NUMBER AND CAUSE OF FIRES<sup>1</sup></b>								
Total-----	87,603	56,805	105,182	87,688	65,965	80,583	86,737	(2)
Lightning-----	10,913	6,743	6,518	6,282	5,799	10,913	7,244	(2)
Railroads-----	3,331	4,322	3,881	2,582	2,462	2,647	3,025	(2)
Campers-----	4,956	1,877	3,802	3,924	2,868	3,598	3,034	(2)
Smokers-----	21,066	12,577	18,287	15,882	13,348	14,198	14,330	(2)
Debris burning-----	13,307	7,641	18,768	20,338	16,128	18,361	26,249	(2)
Incendiary-----	22,701	15,377	40,127	25,775	14,834	19,587	21,876	(2)
Lumbering-----	1,403	936	1,837	2,491	1,214	1,413	1,390	(2)
Misc. and unknown-----	9,926	7,332	11,962	10,414	9,312	9,866	9,589	(2)
<b>EXPENDITURES (\$1,000)<sup>2</sup></b>								
Total-----	9,188	13,673	28,934	39,216	45,337	52,238	54,385	56,641
Federal-----	1,988	4,998	8,551	8,945	9,386	9,410	9,401	9,401
State and county-----	5,155	6,562	18,121	28,168	33,802	40,918	43,071	45,059
Private agencies-----	2,045	2,113	2,262	2,103	2,149	1,910	1,913	2,181

<sup>1</sup> Includes fires on protected forest land only.

<sup>2</sup> Not available.

<sup>3</sup> For years ending June 30.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

# Lumber Production

695

## No. 958. LUMBER PRODUCTION, BY KIND OF WOOD: 1945 TO 1959

[In millions of board feet. Excludes Alaska and Hawaii. Data for all years except 1954 are based on sample surveys; see source for sampling reliability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-60]

KIND OF WOOD	1945	1950	1954	1955	1956	1957	1958	1959
Total.....	28,122	38,007	36,356	37,380	38,199	32,901	33,385	37,055
Softwood.....	21,140	30,633	29,282	29,815	30,281	27,100	27,379	30,674
Cedar.....	303	1,313	382	(2)	(2)	(2)	1,507	(2)
Cypress.....	228	(3)	240	(3)	(3)	(3)	(3)	(3)
Douglas fir.....	6,237	9,984	10,328	10,414	10,195	9,094	9,329	10,265
Hemlock.....	1,039	1,508	1,337	1,568	1,322	1,242	1,386	1,658
Larch.....	191	246	321	346	393	456	541	672
Ponderosa pine.....	3,056	3,865	3,756	3,683	3,568	3,038	3,233	3,574
Redwood.....	444	875	958	991	1,125	953	917	1,221
Southern yellow pine.....	7,210	9,939	7,832	7,360	7,740	6,568	6,110	6,881
Spruce.....	358	(3)	707	(2)	(2)	4,683	4,563	(2)
Sugar pine.....	228	425	331	390	449	(2)	385	432
White fir.....	490	1,114	1,804	2,059	1,954	2,013	2,475	2,883
White pine.....	1,269	1,292	1,385	1,105	1,110	(2)	(2)	(2)
Other softwoods.....	78	1,072	451	777	961	996	871	1,122
Hardwood.....	6,982	7,734	7,074	7,565	7,968	5,801	6,006	6,981
Ash.....	84	81	107	125	139	97	114	140
Basswood.....	100	(5)	112	119	123	93	101	97
Beech.....	362	325	220	226	252	230	198	188
Birch.....	152	137	150	144	170	(3)	159	158
Cottonwood.....	209	225	280	327	230	173	176	148
Elm.....	150	(9)	178	198	196	151	160	161
Hickory.....	159	128	111	(6)	(5)	(5)	(5)	(5)
Maple.....	522	546	575	568	593	487	572	443
Oak.....	2,850	3,347	3,451	8,716	3,928	2,796	2,882	3,216
Sweet (red and sap) gum.....	971	758	522	529	516	346	412	427
Tupelo and black gum.....	439	342	355	304	363	287	347	288
Yellow poplar.....	578	833	592	600	752	539	515	605
Other hardwoods.....	308	652	421	559	706	446	270	510

<sup>1</sup> Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

<sup>2</sup> Suppressed; standard error more than 16 percent.

<sup>3</sup> Included in "Other softwoods." <sup>4</sup> Engelmann and sitka.

<sup>5</sup> Included in "Other hardwoods." <sup>6</sup> Includes aspen.

Source: Department of Commerce, Bureau of the Census (in cooperation with Business and Defense Services Administration); reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

## No. 959. LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS: 1950 TO 1960

[In millions of board feet. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 23-35, for similar but not identical figures from Bureau of the Census and Forest Service]

ITEM	1950	1955	1956	1957	1958	1959 (prel.)	1960 (prel.)
Production.....	38,002	37,858	38,620	32,901	33,385	37,055	34,737
Softwoods.....	31,528	30,283	30,661	27,100	27,379	30,674	28,576
Hardwoods.....	7,374	7,565	7,968	5,801	6,006	6,381	6,161
Consumption <sup>1</sup> .....	42,130	41,932	41,228	36,349	37,144	40,644	37,702
Softwoods.....	34,664	33,451	33,346	30,234	30,833	34,242	31,391
Hardwoods.....	7,475	8,481	7,882	6,115	6,311	6,402	6,311
Gross mill stocks, end of year.....	6,383	8,669	9,740	9,515	9,207	9,614	10,250
Softwoods.....	4,407	5,386	6,087	5,901	5,663	5,794	6,329
Hardwoods.....	1,976	3,283	3,653	3,614	3,544	3,820	3,921
Ratio of total mill stocks to total consumption percent.....	15	21	24	26	25	24	27
Softwoods.....	13	16	18	20	18	17	20
Hardwoods.....	26	39	46	59	56	60	62
Exports, total <sup>2</sup> .....	518	844	767	811	728	788	861
Softwoods.....	407	652	571	623	550	608	688
Hardwoods.....	111	189	191	188	177	179	136
Imports, total <sup>2</sup> .....	3,432	3,597	3,408	2,962	3,392	4,068	3,914
Softwoods.....	3,140	3,327	3,131	2,712	3,155	3,742	3,631
Hardwoods.....	283	266	274	246	235	322	279

<sup>1</sup> Includes exports, imports, and changes in distributors' stocks.

<sup>2</sup> Includes box shooks and railroad ties (sawed) not shown separately.

Source: National Lumber Manufacturers Association, Washington, D.C.; Quarterly Report of Lumber Survey Committee to the Secretary of Commerce, *National Survey of Lumber Demand and Supply*, and records.

## Forests and Forest Products

## No. 960. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISIONS: 1957 TO 1959

[In millions of board feet. Data shown for all divisions except the Mountain and Pacific are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See figure I, p. XII, for States comprising geographic divisions. See also *Historical Statistics, Colonial Times to 1957*, series L 36-44, for data by regions]

GEOGRAPHIC DIVISION	1957			1958			1959		
	Production	Percent	Standard error <sup>1</sup> (percent)	Production	Percent	Standard error <sup>1</sup> (percent)	Production	Percent	Standard error <sup>1</sup> (percent)
United States <sup>2</sup>	32,901	100.0	5	33,385	100.0	5	37,055	100.0	5
New England	(3)			679	2.0	5	776	2.1	10
Middle Atlantic	792	2.4	10	825	2.5	5	(3)		
East North Central	1,440	4.4	10	1,035	3.1	5	1,131	3.1	5
West North Central	(3)			524	1.6	5	503	1.4	10
South Atlantic	5,611	17.0	10	5,179	15.5	5	5,693	15.4	5
East South Central	2,611	7.9	5	2,720	8.1	5	2,853	7.7	5
West South Central	2,642	8.0	10	2,721	8.2	5	3,862	9.1	5
Mountain	3,120	10.1	10	3,381	10.1	5	3,900	10.8	5
Pacific <sup>2</sup>	15,440	46.9	5	16,321	48.9	5	18,025	48.6	5

<sup>1</sup> See Technical Note, p. 777, for explanation of standard error.

<sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Suppressed; standard error more than 15 percent.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

## No. 961. PRODUCTION, NET IMPORTS, AND NEW SUPPLY OF INDUSTRIAL TIMBER PRODUCTS FROM ROUNDWOOD: 1940 TO 1959

[In millions of cubic feet. Excludes Alaska and Hawaii, except as noted. Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72-84]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959
Total:								
Domestic production	6,975	6,605	8,525	9,340	9,685	8,670	8,595	9,680
Net imports	400	680	1,385	1,295	1,375	1,190	1,230	1,420
New supply	7,910	7,580	9,905	10,690	10,820	10,070	9,905	10,980
Sawlogs:								
Domestic production	4,845	4,365	5,905	5,810	5,935	5,115	5,190	5,760
Net imports	1,385	100	455	430	420	395	415	515
New supply <sup>2</sup>	5,340	4,745	6,380	6,250	6,220	5,695	5,630	6,195
Veneer logs:								
Domestic production	235	250	345	575	580	555	505	745
Net imports	15	10	10	45	50	55	60	90
New supply	230	240	350	625	630	610	655	835
Pulpwood: <sup>3</sup>								
Domestic production	935	1,140	1,500	2,175	2,440	2,320	2,140	2,345
Net imports	440	590	925	820	905	800	755	815
New supply <sup>4</sup>	1,375	1,780	2,510	3,035	3,240	3,085	2,950	3,220
Other products, new supply <sup>5</sup>	965	845	770	780	780	680	670	730

<sup>1</sup> Net exports. <sup>2</sup> Includes changes in stocks.

<sup>3</sup> Includes Alaska. <sup>4</sup> Beginning 1945, includes changes in stocks.

<sup>5</sup> Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, and a miscellaneous assortment of similar items.

Source: Department of Agriculture, Forest Service. (Based in part on reports of Department of Commerce, Bureau of the Census, *Current Industrial Reports* series.)

## No. 962. STUMPAGE, LOG, AND LUMBER PRICES, FOR SELECTED SPECIES: 1940 TO 1959

[In dollars per 1,000 board feet. See also *Historical Statistics, Colonial Times to 1957*, series L 85-91]

YEAR	STUMPAGE PRICES				DOUGLAS-FIR LOG PRICES		Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	Sawlogs	Peeler logs <sup>1</sup>	
1940	2.30	4.50	3.00	2.20	15.50	28.00	22.20
1945	5.00	9.30	7.30	5.60			39.00
1950	16.40	26.70	25.00	18.30	44.70	89.40	73.30
1954	16.20	29.70	31.20	27.20	48.10	94.80	72.20
1955	28.90	32.00	30.00	26.10	52.20	96.30	80.90
1956	37.62	37.40	34.90	27.20	55.00	99.10	81.20
1957	26.20	31.50	30.00	24.20	(2)	(2)	71.80
1958	21.80	31.10	23.50	19.10	(2)	(2)	69.40
1959	36.80	35.20	26.70	20.60	(2)	(2)	78.90

<sup>1</sup> Includes logs used in manufacture of veneer. <sup>2</sup> Not available.

Source: Department of Agriculture, Forest Service.

# Lumber Products

697

## No. 963. WHOLESALE PRICE INDEXES OF SELECTED TIMBER PRODUCTS: 1940 TO 1960

[1947-49 = 100. Includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 92-96]

YEAR	Lumber	Plywood <sup>1</sup>	Woodpulp	Paper	Paperboard
1940	34.2	35.1	50.7	63.1	48.6
1945	51.5	43.7	63.5	71.9	64.6
1950	114.5	112.0	95.6	106.5	105.0
1955	124.4	106.1	112.9	129.8	127.1
1956	127.2	97.4	117.7	137.3	134.8
1957	119.7	88.7	118.8	141.9	136.3
1958	118.0	89.6	121.2	142.3	136.2
1959	127.1	95.2	121.2	143.4	136.1
1960	121.4	82.5	120.6	145.4	135.3

<sup>1</sup> Softwood plywood, interior grade A-D.

Source: 1940 and 1945 (except lumber), Department of Agriculture, Forest Service; other data, Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

## No. 964. PRODUCTION OF MILLWORK PRODUCTS AND PAINTS: 1950 TO 1960 [Excludes Alaska and Hawaii, except as noted]

ITEM	1950	1955	1957	1958	1959	1960 (prel.)
Hardwood flooring..... mil. bd. ft.	1,077	1,268	954	927	1,034	915
Douglas fir plywood..... mil. sq. ft., $\frac{3}{4}$ " basis	2,676	5,284	5,653	6,487	7,619	7,770
Insulating boards..... 1,000 tons	838	1,100	989	1,057	1,173	1,042
Hardboard..... do	381	530	569	609	734	1,740
Ponderosa pine doors <sup>2</sup> ..... 1,000 units	3,330	2,253	2,028	1,820	2,474	1,948
Hardwood doors <sup>2</sup> ..... do	1,221	6,786	5,611	4,308	4,613	3,763
Sash <sup>2</sup> ..... do	9,414	12,734	9,887	9,432	11,049	7,958
Exterior frames <sup>2</sup> ..... do	4,644	7,260	5,273	6,247	7,118	5,345
Paint, varnish, and lacquer <sup>3</sup> ..... 1,000,000 gal.	( <sup>4</sup> )	255	262	321	346	347

<sup>1</sup> Includes Alaska.

<sup>2</sup> Covers only reports from members of National Woodwork Manufacturers' Association, not adjusted to represent full coverage. <sup>3</sup> Production for trade sales. Beginning 1958, figures not comparable with previous years because of different method of collection. <sup>4</sup> Not available.

Source: Data compiled by Department of Commerce, Business and Defense Services Administration, from reports by various trade associations and Bureau of the Census; published in Business and Defense Services Administration, *Construction Review*.

## No. 965. TURPENTINE, ROSIN, AND NAVAL STORES—PRODUCTION: 1930 TO 1961

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 70-71, for crop years beginning April 1]

PRODUCT	1930	1940	1950	1955	1959	1960	1961
<b>TURPENTINE</b>							
Total.....	724,683	604,778	673,290	617,800	608,240	636,750	604,770
Gum.....	626,417	382,781	323,010	175,940	120,300	107,400	118,950
Wood.....	98,266	221,997	350,280	441,860	487,940	529,350	485,820
Steam distilled.....	85,736	158,575	199,630	207,700	172,600	175,950	162,880
Destructively distilled.....	9,624	6,791	3,150	2,410	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Sulphate.....	2,906	56,631	147,500	231,750	315,340	353,400	322,940
<b>ROSIN</b>							
Total.....	2,069,830	1,813,710	2,023,510	1,870,070	1,857,030	1,915,770	2,009,960
Gum.....	1,606,400	1,054,236	924,900	527,700	369,350	334,110	370,150
Wood, steam distilled <sup>2</sup> .....	373,430	759,474	1,098,610	1,342,370	1,182,620	1,195,690	1,219,850
Tall oil.....					305,060	382,970	419,960
<b>MISCELLANEOUS NAVAL STORES</b>							
Dipentene.....	( <sup>1</sup> )	( <sup>1</sup> )	29,710	32,010	21,400	20,620	22,140
Pine oil.....	( <sup>1</sup> )	( <sup>1</sup> )	141,260	189,310	194,260	197,140	166,950
Other monocyclic hydrocarbons.....	( <sup>1</sup> )	( <sup>1</sup> )	44,030	76,210	108,770	73,070	93,100
Rosin oil.....	( <sup>1</sup> )	( <sup>1</sup> )	21,500	20,000	22,760	32,080	32,370

<sup>1</sup> Not reported. <sup>2</sup> Beginning 1950, total primary production of FF wood rosin.

Source: Department of Agriculture, Agricultural Marketing Service, *Annual Naval Stores Report*, and records.

## No. 966. PULPWOOD, WOODPULP, PAPER AND PAPERBOARD: 1930 TO 1960

[Cords of 128 cu. ft.; tons of 2,000 lbs. Beginning 1954, includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series L 61, L 64, and L 67]

YEAR	Pulpwood production <sup>1</sup>	Woodpulp production <sup>2</sup>	Paper and paperboard production <sup>3</sup>	YEAR	Pulpwood production <sup>1</sup>	Woodpulp production <sup>2</sup>	Paper and paperboard production <sup>3</sup>
	1,000 cords	1,000 tons	1,000 tons		1,000 cords	1,000 tons	1,000 tons
1930	6,099	4,630	10,169	1952	25,065	16,473	24,418
1935	6,591	4,926	10,479	1953	26,319	17,637	26,540
1940	12,369	8,960	14,484	1954	26,972	18,256	26,876
1945	15,253	10,167	17,371	1955	30,948	20,740	30,173
1946	16,982	10,707	19,278	1956	35,196	22,131	31,441
1947	18,542	11,046	21,114	1957	34,422	21,800	30,678
1948	20,026	12,872	21,897	1958	33,239	21,796	30,843
1949	17,619	12,207	20,315	1959	36,716	24,383	34,007
1950	20,712	14,849	24,375	1960 (prel.)	39,542	25,154	34,282
1951	25,128	16,524	26,047				

<sup>1</sup> Includes slabs, chips, and mill waste. Production is equal to receipts from domestic sources by wood pulp mills located in the United States.

<sup>2</sup> Beginning 1940, data on a new basis, i.e., figures include data for 6 mills not classified as pulp producers before 1940. 1940 figure on old basis, 8,851,740 tons.

<sup>3</sup> Beginning 1945, data on a new basis, i.e., figures include data for 25 mills not previously classified as producers of paper and paperboard.

Source: Department of Commerce, Bureau of the Census. Published currently in *Current Industrial Reports*, Series M26A.

## No. 967. PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1945 TO 1960

[Excludes Alaska and Hawaii, except as noted]

YEAR	PULPWOOD CONSUMPTION			VENEER AND PLYWOOD				
	Total	Soft-wood	Hard-wood	Log consumption		Production		
				Softwood <sup>1</sup>	Hardwood <sup>2</sup>	Softwood plywood <sup>1</sup>	Hardwood <sup>2</sup>	
							Veneer	Plywood
1945	1,000 cords <sup>3</sup>	1,000 cords <sup>3</sup>	1,000 cords <sup>3</sup>	1,000 ft. <sup>2</sup> , log scale	1,000 ft. <sup>2</sup> , log scale	1,000 sq. ft., 3/8 in. equiv.	1,000 sq. ft., surface measure	1,000 sq. ft., surface measure
1946	16,912	14,520	2,392	545,762		1,222,382		
1947	17,818	15,384	2,433	641,738		1,436,065		
1948	19,714	17,022	2,692	750,633		1,700,446		
1949	21,189	18,491	2,699	857,722		1,953,883		
1950	19,945	17,330	2,615	906,709		1,976,649		
1951	23,627	20,406	3,221	1,157,202		2,675,580		
1952	26,522	22,768	3,753	1,231,643	1,089,075	2,994,773	11,061,946	1,467,248
1953	26,461	22,661	3,800	1,307,550	988,918	3,178,344	10,345,682	1,423,521
1954	28,141	23,763	4,378	1,861,435	953,504	3,848,062	10,105,508	1,304,769
1955	33,356	27,728	5,628	2,430,978	1,001,679	5,283,958	10,603,028	1,643,900
1956	35,749	29,691	6,058	2,492,712	(*)	5,432,421	(*)	(*)
1957	35,746	29,446	6,300	2,454,572	(*)	5,653,182	(*)	(*)
1958	35,248	28,897	6,351	2,883,740	(*)	6,487,011	(*)	(*)
1959	38,691	30,885	7,806	3,427,559	(*)	7,619,217	(*)	(*)
1960 (prel.)	41,090	32,410	8,680	(*)	(*)	(*)	(*)	(*)

<sup>1</sup> West coast softwood plywood industry, principally Douglas fir; includes some hardwood.

<sup>2</sup> Veneer and plywood industry other than west coast companies; includes some softwood.

<sup>3</sup> Cords of 128 cu. ft. (rough wood basis).

<sup>4</sup> Excludes hardwood plywood produced in west coast softwood plywood mills amounting to 76,871,000 square feet, 3/8" basis, in 1952.

<sup>5</sup> Not available.

<sup>6</sup> Includes Alaska.

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24H and M26A.

## Paper—Newsprint

699

## No. 968. PAPER AND BOARD—PRODUCTION, BY TYPE: 1950 TO 1960

[In thousands of tons of 2,000 pounds. Beginning 1955, includes Alaska]

TYPE OF PAPER AND BOARD	1950	1955	1956	1957	1958	1959	1960 (prel.)
All types.....	24,375	30,178	31,441	30,678	30,843	34,007	34,232
Paper.....	10,639	12,905	13,990	13,593	13,518	15,025	15,367
Newsprint.....	1,013	1,459	1,620	1,797	1,726	1,925	2,010
Groundwood paper, uncoated, total.....	705	886	972	855	824	918	930
Paper—machine-coated, printing and converting paper.....	1,020	3,132	1,512	1,537	1,559	1,706	1,883
Book paper, uncoated.....	1,580	1,740	1,820	1,659	1,670	1,863	1,912
Fine paper.....	1,197	1,450	1,575	1,511	1,539	1,749	1,771
Coarse paper.....	3,297	3,687	3,948	3,663	3,613	3,994	3,923
Special industrial, incl. absorbent.....	460	610	683	659	642	750	735
Sanitary tissue.....	1,148	1,521	1,621	1,666	1,725	1,882	1,967
Tissue paper, except sanitary and thin.....	217	240	239	246	220	238	236
Paperboard.....	10,926	13,867	14,234	14,060	14,150	15,457	15,634
Liners.....	3,872	5,109	5,231	5,177	5,179	5,730	5,897
Corrugating material.....	1,634	2,193	2,282	2,227	2,185	2,463	2,404
Container chip and filler board.....	325	250	251	225	215	233	207
Folding boxboard <sup>1</sup> .....	2,350	2,592	2,611	2,632	2,834	2,928	2,917
Special food board.....	656	1,154	1,200	1,281	1,350	1,463	1,492
Other bending board <sup>1</sup> .....	129	183	211	236	92	122	145
Set-up boxboard.....	713	797	794	775	738	796	731
Other nonbending board.....	164	257	254	261	250	279	362
Special paperboard stock.....	998	1,226	1,211	1,148	1,180	1,335	1,296
Cardboard.....	87	86	85	84	110	108	123
Other paperboard.....		21	14	14	20		
Wet machine board.....	165	179	147	134	121	150	149
Shoe board.....	49	55	58	55	53	50	50
Binder's board.....	42	47	50	49	44	50	53
Other.....	74	77	39	30	24	41	46
Construction paper and board.....	2,646	3,228	3,070	2,891	3,055	3,376	3,132
Construction paper.....	1,425	1,598	1,428	1,328	1,389	1,469	1,350
Insulating board.....	838	1,100	1,102	994	1,057	1,173	1,042
Wood fibre hardboard.....	383	530	540	569	609	734	740

<sup>1</sup> Beginning 1958, includes "Solid bleached chemical board, except special food board and bleached liner board;" prior to 1958, this grade was reported under "Other bending board."

Source: Department of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M20A.

## No. 969. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE: 1940 TO 1960

[Annual totals in thousands of tons of 2,000 pounds, except price]

COUNTRY AND ITEM	1940	1945	1950	1955	1957	1958	1959	1960
<b>CANADA, INCLUDING NEWFOUNDLAND</b>								
Production.....	3,770	3,592	5,270	6,191	6,397	6,096	6,394	6,739
Shipments from mills.....	3,804	3,553	5,311	6,236	6,364	6,043	6,425	6,752
Stocks at mills, end of year.....	224	137	89	80	132	185	164	140
<b>UNITED STATES<sup>1</sup></b>								
Consumption by publishers <sup>2</sup> .....	2,856	2,455	4,542	5,045	5,149	4,950	5,328	5,532
Production.....	1,018	724	1,015	1,562	1,826	1,758	1,964	2,038
Shipments from mills.....	1,013	725	1,017	1,550	1,817	1,761	1,963	2,031
Stocks, end of year:								
At mills.....	13	6	8	8	19	16	18	26
At and in transit to publishers.....	356	266	425	488	675	652	659	628
Imports <sup>3</sup> .....	2,763	2,669	4,864	5,164	5,218	4,883	5,255	5,410
Wholesale price, average <sup>4</sup> .... dollars per ton.....	50.00	60.25	101.63	125.94	133.59	134.40	134.40	134.40

<sup>1</sup> Excludes Alaska and Hawaii, except as noted.

<sup>2</sup> As reported by publishers accounting for about 75 percent of total newsprint consumption in 1959.

<sup>3</sup> Based on reports of the Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.

<sup>4</sup> Source: Department of Labor, Bureau of Labor Statistics. Includes Alaska and Hawaii. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages; prior to 1950, represents New York price for rolls.

Source: Department of Commerce, Office of Business Economics (except as noted); based on data from the American Newspaper Publishers Association, New York, N.Y., and The Newsprint Service Bureau, New York, N.Y. Monthly data published in *Survey of Current Business*.

No. 970. WOODPULP PRODUCTION, BY PROCESS AND BY STATES: 1939 TO 1960  
 [In thousands of tons of 2,000 pounds. Includes Alaska]

PROCESS AND STATE	1939	1947	1950	1955	1957	1958	1959	1960 (prel.)
Total.....	6,993	11,946	14,849	20,740	21,800	21,795	24,383	25,154
PROCESS								
Special alpha and dissolving grades.....			479	983	1,011	920	1,100	1,098
Bleached sulfite.....	1,946	2,796	1,629	1,909	1,957	1,849	1,908	2,046
Unbleached sulfite.....			741	646	618	532	571	533
Bleached sulfate.....			909	1,433	3,202	3,721	4,067	4,575
Semibleached sulfate.....	2,963	193	360	423	563	602	714	826
Unbleached sulfate.....		4,255	5,709	7,665	7,651	7,647	8,540	8,630
Soda.....	442	492	522	440	428	429	481	420
Groundwood.....	1,445	2,050	2,216	2,729	3,089	2,890	3,230	3,247
Semichemical.....			444	686	1,408	1,583	1,622	1,924
Defibrated or exploded.....	198	693	935	1,190	1,059	1,133	1,230	1,222
Screenings, damaged, etc.....		114	140	144	120	95	101	102
STATE								
California.....		19	120	(1)	(1)	(1)	(1)	(1)
Florida.....	449	783	1,208	2,031	2,137	2,102	2,374	
Georgia.....	(1)	(1)	1,092	2,028	2,192	2,139	2,421	
Illinois.....	(1)	(1)	79	(1)	(1)	(1)	(1)	
Louisiana.....	590	1,129	1,381	1,598	1,526	1,434	1,516	
Maine.....	941	1,237	1,183	1,484	1,561	1,410	1,520	
Michigan.....	200	233	240	290	302	390	493	
Minnesota.....	161	392	(1)	(1)	(1)	(1)	(1)	
Mississippi.....	(1)	476	779	1,053	1,060	(1)	(1)	
New Jersey.....		69	79	95	78	83	73	
New Hampshire.....	(1)	174	(1)	256	(1)	(1)	(1)	(1)
New York.....	461	646	579	566	538	516	521	
North Carolina.....	180	474	(1)	925	1,111	1,113	1,244	
Ohio.....	(1)	(1)	63	(1)	(1)	120	149	
Pennsylvania.....	194	289	308	359	410	410	426	
Oregon.....	288	436	527	834	897	970	1,023	
Texas.....	(1)	(1)	(1)	485	879	568	624	
Virginia.....	403	630	751	998	1,014	1,095	1,165	
Washington.....	1,126	1,591	1,871	2,711	2,793	2,592	2,805	
Wisconsin.....	656	923	975	1,168	1,191	1,181	1,229	
Other States.....	1,345	2,445	3,614	3,860	4,411	5,672	6,800	

<sup>1</sup> Included in "Other States" to avoid disclosing data for individual establishments.

<sup>2</sup> Not available. <sup>3</sup> Includes Alaska.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M26A.

No. 971. WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1930 TO 1960

[In thousands of cubic feet. Excludes Alaska and Hawaii]

PRODUCT	1930	1935	1940	1945	1950 <sup>1</sup>	1955	1958	1959	1960
Total.....	332,319	179,439	265,473	279,450	269,985	248,445	232,778	214,511	216,113
Crossties.....	189,801	103,509	128,000	140,205	118,491	85,919	73,935	52,137	57,160
Poles <sup>2</sup> .....	75,258	35,783	74,129	74,391	77,622	74,766	73,813	78,277	75,100
Lumber.....	6,354	4,142	19,511	14,695	27,044	39,433	39,105	39,903	30,519
Piling.....	17,027	8,575	15,660	20,525	12,523	13,035	16,188	14,657	16,147
Switch ties.....	14,623	7,837	8,859	9,899	8,974	7,257	6,668	4,499	4,926
Fence posts.....	1,487	797	1,494	2,990	12,269	16,227	14,890	15,738	13,526
Construction timbers.....	19,013	15,683	12,496	9,803	5,777	(3)	(3)	(3)	(3)
Wood blocks.....	5,013	1,484	2,730	3,294	1,826	2,817	(4)	(4)	(4)
Cross arms.....	1,299	351	675	1,469	2,493	4,330	3,367	3,561	3,722
All other.....	2,444	1,268	1,919	2,179	2,966	3,761	4,812	5,739	6,013

<sup>1</sup> Prior to 1950 cubic volume for crossties, poles, piling, fence posts, wood blocks, and cross arms was based on number of units reported and an estimated average cubic volume per unit. For 1950 and subsequent years, cubic volume is based on volume reported by treating plants, and data are therefore not completely comparable with earlier years.

<sup>2</sup> Full-length and butt-treated poles.

<sup>3</sup> Included in "Lumber." <sup>4</sup> Included in "All other."

Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preservers' Association); annual report, *Wood Preservation Statistics*.